

**NAVY TRAINING SYSTEM PLAN**  
**FOR THE**  
**T/AV-8B HARRIER II WEAPON SYSTEM**

**N88-NTSP-A-50-8210D/A**

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## T/AV-8B HARRIER II WEAPON SYSTEM

### EXECUTIVE SUMMARY

The T/AV-8B Harrier II Weapon System, from here on referred to as the AV-8B, with its superior capability for light attack and air-to-air missions, replaced the AV-8A/C and A-4M aircraft. The AV-8B is comprised of four configurations of aircraft, the Trainer, the Day Attack, the Night Attack, and the Radar. The Radar Aircraft, also known as the Harrier II Plus, was introduced in July 1993 as the newest production AV-8B, achieving Initial Operating Capability in August 1997. The AV-8B is in the Operation and Support phase of the Defense Acquisition Weapon System.

Beginning in January 1996, Day Attack Aircraft have been remanufactured and reconfigured as Radar Aircraft, with an estimated completion date in Fiscal Year (FY) 03, to include the AN/APG-65(V)2 Radar system. This tactical airborne radar system is based on existing specifications for F/A-18 Aircraft and provides the AV-8B multi-target tracking capability.

Beginning in FY02, Radar and Night Attack aircraft will be equipped with the Litening II Targeting Pod (TPOD) system, with an estimated completion date in FY03. The Litening II TPOD is an advanced airborne infrared targeting and navigation system that provides real-time passive imagery, air-to-surface laser target designation, enhanced day and night target acquisition, improved low-level night flight, and refined air-to-air capabilities.

In FY93 a retrofit program was initiated to replace the Rolls Royce F402-RR-406 Engine in older AV-8B Aircraft with the upgraded F402-RR-408 Engine, which includes a Digital Engine Control System. FY03 is the planned completion date for these retrofits.

Beginning in FY03, the Night Attack and Radar/Reman AV-8B's Cathode Ray Tube (CRT) based Multipurpose Color Display (MPCD) will be replaced with a Liquid Crystal Display (LCD) based Advanced Multipurpose Color Display (AMPCD) via Engineering Change Proposal (ECP) MDC-AV8B-00306. The AMPCD is a form, fit and function replacement for the MPCD and is designed for two-level Organizational to Original Equipment Manufacturer (O to OEM) support. MPCD parts obsolescence necessitates this ECP. Modification of existing, Operator and Organizational Level Maintainer curriculum will coincide with initial operational capability. This does not impact manpower or test equipment. FY06 is the planned completion date for ECP 306 incorporation.

Maintenance is conducted at three levels, organizational, intermediate, and depot, as established by the Office of the Chief of Naval Operations Instruction 4790.2G. An impact study has been initiated by PMA-205 and AIR 3.4.1 to determine if an increase in existing AV-8B manpower may be required to operate or maintain the Radar Aircraft, the AN/APG-65(V)2 Radar system, the Litening II TPOD system, or the F402-RR-408 Engine. The results will be incorporated in updates to this NTSP.

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Initial training for aircrew and maintenance personnel for the Radar Aircraft, the AN/APG-65(V)2 Radar system, the Litening II TPOD system, and the F402-RR-408 Engine has been completed. Follow-on training for aircrew is conducted by Marine Attack Training Squadron (VMAT)-203 Fleet Readiness Squadron at Marine Corps Air Station (MCAS) Cherry Point, North Carolina. Follow-on training for maintenance is conducted at VMAT-203 Fleet Replacement Enlisted Skills Training (FREST), Naval Air Maintenance Group Detachment, Cherry Point, including courses under Maintenance Training Units 1006, 3001, and 4034. Updated courseware is integrated into the Pilot Training Syllabus and into the existing maintenance courses as applicable. Beginning in FY02, VMAT-203 FREST will be renamed Naval Aviation Maintenance Training Marine Unit.

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**LIST OF ACRONYMS**

ADC	Air Data Computer
AEP	Age Exploration Program
AFCS	Automatic Flight Control System
AIMD	Aircraft Intermediate Maintenance Department
AMPCD	Advanced Multi Purpose Color Display
AMRAAM	Advanced Medium Range Air-to-Air Missile
AMTCS	Aviation Maintenance Training Continuum System
ARBS	Angle Rate Bombing System
ATIR	Annual Training Input Requirement
BIT	Built-In Test
CAI	Computer-Assisted Instruction
CASS	Consolidated Automated Support System
CBT	Computer-Based Training
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CMC	Commandant of the Marine Corps
CNET	Commander Naval Education and Training
CNI	Communication Navigation Identification
CNO	Chief of Naval Operations
CRT	Cathode Ray Tube
DAVIS	Defense Automated Visual Information System
ECM	Electronic Countermeasures
ECP	Engineering Change Proposal
EETS	Electrical Equipment Test Set
FMS	Foreign Military Sales
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
FY	Fiscal Year
HSI	Hot Section Inspection
HOL	Higher Order Language
IFF	Identification Friend or Foe

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**LIST OF ACRONYMS**

IGTD	Instructional Graphics Training Device
ILS	Integrated Logistics Support
ILSP	Integrated Logistics Support Plan
IMA	Intermediate Maintenance Activity
IMI	Interactive Multimedia Instruction
IOS	Instructor-Operator Station
IPB	Illustrated Parts Breakdown
ISD	Instructional System Development
JDAM	Joint Direct Attack Munitions
LCD	Liquid Crystal Display
MAG	Marine Aircraft Group
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Training Management and Evaluation Program
MAW	Marine Air Wing
MCAIR	McDonnell Aircraft Company
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MCO	Marine Corps Order
META	Maverick Engagement Training Aid
MOS	Military Occupational Specialty
MPCD	Mult Purpose Color Display
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NAMP	Naval Aviation Maintenance Program
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIRSYSCOM	Naval Air Systems Command
NAVICP	Naval Inventory Control Point
NAVPERSCOM	Naval Personnel Command
NAMTRA MARUNIT	Naval Aviation Maintenance Training Marine Unit
NAWCAD	Naval Air Warfare Center Aircraft Division
NAWST	Night Attack Weapon System Trainer

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**LIST OF ACRONYMS**

NSD	Navy Support Date
NTSP	Navy Training System Plan
OEM	Original Equipment Manufacturer
OFT	Operational Flight Trainer
OOD	Object Oriented Design
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
OPEVAL	Operational Evaluation
OSCAR	Open System Core Avionics Requirements
PDS	Projection Display System
PMA	Program Manager, Air
RFT	Ready For Training
RNAWST	Radar Night Attack Weapon System Trainer
RSTS	Radar Set Test Station
SE	Support Equipment
SMT	Systems Maintenance Trainer
SRA	Shop Replaceable Assembly
TBD	To Be Determined
TD	Training Device
TECHEVAL	Technical Evaluation
T/O	Table of Organization
TPOD	Targeting Pod
TTE	Technical Training Equipment
USMC	United States Marine Corps
VMA	Marine Attack Squadron
VMAT	Marine Attack Training Squadron
V/STOL	Vertical/Short Take Off and Landing
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

**T/AV-8B HARRIER II WEAPON SYSTEM**

**PREFACE**

This Approved Navy Training System Plan (NTSP) for the T/AV-8B Harrier II Weapon System, from here on referred to as the AV-8B, has been updated to comply with guidelines in the Navy Training Requirements Documentation Manual, OPNAV Publication P-751-1-9-97. This document updates the Draft AV-8B Weapon System Navy Training System Plan A-50-8210D/D dated August 1999.

The last Approved NTSP for the AV-8B was A-50-8201C/A of August 1993. Since then, this document has been updated to include the current assignment schedule for remanufactured Day Attack Aircraft to Radar Aircraft.

Marine Attack Training Squadron (VMAT)-203 Table of Organization (T/O) 8582 changes have been incorporated to reflect the newly developed Naval Aviation Maintenance Training Marine Unit (NAMTRA MARUNIT) T/O 8584. In Fiscal Year (FY) 02, Fleet Replacement Enlisted Skills Training (FREST) will be deleted from T/O 8582.

Beginning in FY02, with an estimated completion date in FY03, Radar and Night Attack aircraft are being equipped with the Litening II Targeting Pod (TPOD) system. The Litening II TPOD system will be incorporated in the 2F150 Night Attack Weapons System Trainer (NAWST), the 2F150A Radar/Night Attack Weapons Systems Trainer (RNAWST), the 2F150B RNAWST, the 11H98 Radar/Armament Systems Maintenance Trainer (SMT), and the 11H156 Instructional Graphics Training Device (IGTD). Training Device modifications are planned to begin in FY02 with an estimated completion date in FY03.

This document also addresses the AV-8B Open System Core Avionics Requirements (OSCAR) Program, Version 1.2, upgrade. It will update existing avionics of the AV-8B with open system architecture using Object Oriented Design (OOD) and Higher Order Language (HOL). OSCAR will support Joint Direct Attack Munitions (JDAM) capability and AN/ARC-210 secure voice communications. The OSCAR Program upgrade is proposed to begin in FY03.

A maintenance impact study for the Radar Aircraft upgrade and various new systems to the AV-8B has been initiated by Program Manager, Air (PMA) 205 and AIR 3.4.1. The results will be added to this NTSP via an addendum and incorporated into the next update of the AV-8B NTSP.

**PART I - TECHNICAL PROGRAM DATA**

**A. NOMENCLATURE-TITLE-PROGRAM**

1. **Nomenclature-Title-Acronym.** T/AV-8B Harrier II Weapon System
2. **Program Element.** 0604214N

**B. SECURITY CLASSIFICATION**

1. **System Characteristics** ..... Unclassified
2. **Capabilities** ..... Unclassified
3. **Functions**..... Unclassified

**C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS**

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N78)
- OPO Resource Sponsor ..... CNO (N78)
- Marine Corps Program Sponsor..... CMC (APW-21)
- Developing Agency..... NAVAIRSYSCOM (PMA257)
- Training Agency ..... CINCLANTFLT (N71)  
CINCPACFLT (N70)  
CNET (ETE-32)  
MCCDC (C473)
- Training Support Agency ..... NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)  
CMC (ASM, ASL)
- Director of Naval Training ..... CNO (N795)
- Manpower Structure Management..... MCCDC (C5325A)  
CMC (ASM-1)

## **D. SYSTEM DESCRIPTION**

**1. Operational Uses.** The AV-8B is designed to enhance the Marine Corps aviation combat element capability by providing fast, responsive, and effective close-air support for United States Marine Corps (USMC) ground forces, and to fly interdiction missions. The Vertical/Short Takeoff and Landing (V/STOL) features allow the AV-8B to operate where other fixed wing aircraft cannot. The AV-8B is capable of performing air-to-surface and air-to-air missions in daylight, darkness, and adverse weather using conventional and specific weapons. The AV-8B conducts deep-air support, including armed reconnaissance and air interdiction, using conventional and specific weapons, and conducts offensive and defensive anti-air warfare. Other missions include combat air patrol, armed escort missions, and offensive missions against enemy ground-to-air defenses. The AV-8B operates and delivers ordnance day and night, and is capable of operating under instrument flight conditions. The AV-8B is capable of extended operations employing aerial refueling, and operates from carriers and other suitable seagoing platforms, advanced bases, expeditionary airfields, and remote tactical landing sites.

The AV-8B is comprised of four configurations of aircraft, the Trainer, the Day Attack, the Night Attack, and the Radar. The Trainer Aircraft is a fully functional Day Attack Aircraft and can be flown independently from the front seat or assisted from the back seat. The Trainer Aircraft is used exclusively by the Training Activity. Introduction of the Night Attack Aircraft in September 1989 significantly enhanced the operating capabilities of the AV-8B by projecting Visual Flight Rules both day and night. The Radar Aircraft, also known as the Harrier II Plus, was introduced in July 1993 as the newest production AV-8B. The Radar Aircraft, which also features night attack capabilities, further expanded the operational envelope of the AV-8B by adding a multi-mode radar system to extend the tracking capabilities of the aircraft, and the capability to conduct self-contained approaches in inclement weather, navigation updates, and War at Sea missions.

**2. Foreign Military Sales.** In addition to the USMC, the Spanish and Italian Navies fly the AV-8B. The Spanish Navy has nine Day Attack and eight Radar aircraft. The Italian Navy has two Trainer and sixteen Radar aircraft. Both Spanish and Italian Pilots and maintenance personnel train with USMC personnel to ensure commonality between forces. There have been no Foreign Military Sales (FMS) of the Night Attack Aircraft and the AV-8B has not been sold to any other military force at this time. Italy is scheduled to receive four Litening II TPOD systems and Spain is scheduled to receive two systems. They are also receiving the AV-8B OSCAR Program, Version 1.1, upgrade. Further information concerning FMS of the AV-8B may be obtained from PMA257, Naval Air Systems Command (NAVAIRSYSCOM).

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** Technical Evaluation (TECHEVAL) for the Radar Aircraft was completed in January 1993 at the Naval Air Warfare Center Aircraft Division (NAWCAD), Patuxent River, Maryland. Operational Evaluation (OPEVAL) was completed in June 1993 at NAWCAD, China Lake, California.

The Litening II TPOD system completed TECHEVAL in May 2001 and is scheduled to begin OPEVAL in October 2001 at NAWCAD, China Lake.

The OSCAR Program, Version 1.2, upgrade began TECHEVAL in May 2001 and is scheduled to begin OPEVAL in July 2002 at NAWCAD, China Lake. Future Updates to this NTSP will include the completed testing dates.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** The AV-8B replaced the AV-8A/C and A-4M Aircraft for light attack and air-to-air missions.

The Radar Aircraft is currently being phased into existing squadrons to replace the Day Attack Aircraft. New production phase-in began in July 1993, with the first aircraft delivery to Marine Corps Air Station (MCAS) Cherry Point, North Carolina. The first aircraft was equipped with the AN/APG-65(V)2 Radar system and the upgraded F402-RR-408 Engine. Remanufacturing and reconfiguring of Day Attack Aircraft into Radar Aircraft began in January 1996, with an estimated completion date in FY03.

The Trainer and Night Attack aircraft are not scheduled to receive the AN/APG-65(V)2 Radar system, and therefore are not included in the remanufacturing schedule. However, a retrofit program to replace the F402-RR-406 Engines with F402-RR-408 Engines in all older AV-8B Aircraft began in FY93, with an estimated completion date in FY03.

## **G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The AV-8B significantly extends Marine Corps close-air support capabilities, combining the AV-8A vectored thrust concept with technological advancements in the wing, propulsion system, forward fuselage structure, avionics, stabilization augmentation system, and cockpit. The Night Attack and Radar aircraft, like the Day Attack Aircraft, are single-engine, single-place, V/STOL, light attack, air-to-air aircraft with further enhancements in propulsion, avionics, and cockpit design.

The avionics systems are designed to greatly enhance survivability and reduce Pilot workload by incorporating technological advances in cockpit instrumentation and Defensive Electronic Countermeasures (ECM) systems. Beginning in FY02, the existing avionics of the AV-8B will be updated through the OSCAR Program, Version 1.2, with an open system architecture using the OOD and HOL. The upgrade will support JDAM capabilities and AIM-120 Advanced Medium Range Air-to-Air Missile (AMRAAM) provisions. Weapons delivery is further improved on the Radar Aircraft through the addition of the AN/APG-65(V)2 Radar system.

The Litening II TPOD is an advanced airborne infrared targeting and navigation system designed to improve the Radar and Night Attack aircraft's attack capabilities during day, night, and inclement weather operating conditions. It provides real-time passive imagery, air-to-surface laser target designation, enhanced day and night target acquisition, improved low-level night flight, and refined air-to-air capabilities. The system supports delivery of conventional and precision guided munitions to include GBU-12, GBU-16 and laser guided bombs.

The F402-RR-408 Engine, which replaced the F402-RR-406 Engine, provides an additional 2000 pounds of thrust and increases the Mean Time Between Engine Hot Section Inspection (HSI) from 500 to 1000 hours. The F402-RR-408 Engine incorporates modular type design changes in the major engine sections to increase performance, reliability, and maintainability.

**2. Physical Description.** The Radar Aircraft is slightly longer and heavier than the Day Attack and Night Attack aircraft. The nose cone has been extended 1.42 feet to accommodate the AN/APG-65(V)2 Radar.

<b>CHARACTERISTIC</b>	<b>RADAR</b>	<b>NIGHT ATTACK</b>	<b>DAY ATTACK</b>
Aircraft Length (feet)	47.75	46.33	46.33
Aircraft Height (feet)	11.66	11.66	11.66
Aircraft Wingspan (feet)	30.35	30.35	30.35
Operating Weight Empty (pounds)	14,912	13,968	13,705
Maximum Vertical Takeoff Weight (pounds)	20,752	20,752	19,185
Maximum Short Takeoff Weight (pounds)	32,000	32,000	31,000
Internal Fuel Weight (pounds)	7,762	7,762	7,762
Maximum External Fuel Weight (pounds)	8,073	8,073	8,073

**3. New Development Introduction.** Night Attack Aircraft have been introduced since FY93 via new production. Older AV-8B Aircraft are being retrofit to install the F402-RR-408 Engine. Radar Aircraft have been introduced since July 1993 via new production. Remanufacturing and reconfiguring of Day Attack Aircraft into Radar Aircraft began in January 1996.

**4. Significant Interfaces.** The OSCAR Program, Version 1.2, will support JDAM capabilities and AIM-120 AMRAAM provisions.

**5. New Features, Configurations, or Material.** In the Radar Aircraft, the AN/APG-65(V)2 Radar System is based on the existing specifications for F/A-18 Aircraft, but tailored for AV-8B missions. Current AV-8B specifications for the radar include a downsized antenna, two modified Shop Replaceable Assemblies (SRA), and commonality with existing items to the maximum extent without compromising performance or mission reliability. The radar modes originally developed in the F/A-18 AN/APG-65(V)2 Radar System were retained, and provide the

Radar Aircraft, in conjunction with the Radar Aircraft's night-attack systems, extended tracking capabilities to perform air-to-air and air-to-surface operations in marginal visibility conditions, day or night. The AN/APG-65(V)2 Radar is a tactical airborne radar system developed by Hughes, Inc.

The OSCAR Program, Version 1.2, will update the existing avionics of the AV-8B with open system architecture using the OOD and HOL. The major tasks of the program include installation of the Omnibus OCI.2 Operational Flight Program Suite that will support JDAM capability, AN/ARC-210 secure voice communications, tailored MIL-STD-1760B wiring to support JDAM and AIM-120 AMRAAM provisions, replacement of the Mission Computer with an upgraded Mission Systems Computer, and the replacement of the Enhanced Stores Management Computer with an upgraded Warfare Management Computer.

The F402-RR-408 Engine, which powers the Trainer, Night Attack, and Radar aircraft, provides an additional 2000 pounds of thrust and increases the Mean Time Between Engine HSI from 500 to 1000 hours. The F402-RR-408 Engine incorporates modular type design changes in the major engine sections to increase performance, reliability, and maintainability.

In the Radar and Night Attack aircraft, the Litening II TPOD system is predicated on the successful integration and testing on United States Air Force (USAF) F-16 Aircraft. The Litening II TPOD system is an advanced airborne infrared targeting and navigation system developed by Northrop Grumman Corporation and Rafael, the Israeli Armament Development Authority. The system incorporates an external targeting pod that includes a Forward Looking Infrared system, low-light television, laser spot tracker, laser range finder and designator, and a video cassette recorder. The system includes airframe modifications and the mission computer operational flight program changes. The external targeting pod is 87 inches long with a diameter of 16 inches, weighs 440 pounds, and is of modular design. It is mounted on the aircraft's Right Inboard Wing Pylon, station number 5, and is equipped with a quick connect-disconnect feature for deployment on other aircraft. It combines multiple sensors for maximum flexibility in a single pod and contains all the features of single purpose systems requiring multiple pods to perform various missions. The system provides real-time passive imagery, air-to-surface laser target designation, enhanced day and night target acquisition, improved low-level night flight, and refined air-to-air capabilities. The Litening II TPOD system provides a high-energy, small-divergence, uniform, and stable laser beam that can be used to mark targets for conventional weapon deliveries or to designate targets for precision guided munitions, including GBU-12, GBU-16, and laser guided bombs.

## **H. CONCEPTS**

**1. Operational Concept.** The AV-8B is operated by a single Pilot with Military Occupational Specialty (MOS) 7509. Although the AV-8B is a single-seat aircraft, the Trainer Aircraft uses a two-man crew for improved training and safety enhancement. The Trainer Aircraft can be flown independently from the front seat or assisted from the back seat.

**2. Maintenance Concept.** The maintenance concept for the AV-8B is based on a Logistics Support Analysis (LSA) of the aircraft's maintainability, life cycle cost, maintenance

engineering, and logistics support requirements. General guidance regarding the maintenance concept is provided by the Naval Aviation Maintenance Program (NAMP), Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2 series. The NAMP details three levels of maintenance, organizational, intermediate, and depot.

Performance monitoring capability via Built-In Test (BIT) is designed to detect system malfunctions and isolate the failure of a particular Weapon Replaceable Assembly (WRA) within the probability factors specified in the detailed aircraft and system specifications. Where feasible, BIT functions provide operators with a visual indication of equipment readiness.

The proposed maintenance concept for the Litening II TPOD system is based on BIT monitoring for malfunctions and return to depot for repair. Intermediate maintenance will not be utilized and formalized test equipment is not scheduled to be developed at this time.

**a. Organizational.** Organizational level maintenance actions are performed on a day-to-day basis by operating units. These requirements include inspections, servicing, handling, and on-equipment corrective maintenance. Personnel with MOSs 6212, 6252, 6282, 6312, 6332, or 6531 perform preventive and corrective maintenance:

**(1) Preventive Maintenance.** AV-8B maintenance personnel perform periodic prescribed inspections and servicing of equipment, accomplished on a calendar basis or hourly intervals of operation. This maintenance includes, but is not limited to, phase inspections, corrosion inspections, daily inspections, and turnaround inspections.

**(2) Corrective Maintenance.** Organizational level personnel utilize BIT for primary fault isolation to the WRA. Faulty WRAs are removed and replaced using standard hand tools. Some larger WRAs require use of non-complex Peculiar Support Equipment and Support Equipment (SE), i.e., engine, canopy, etc. A suspected faulty WRA is forwarded to the appropriate maintenance level to isolate the defective SRA.

**b. Intermediate.** Intermediate maintenance actions are those normally performed in support of a user activity. These actions include repair, test, and modification of aeronautical equipment, calibration of SE, and disposition of assets from stricken aircraft. Intermediate maintenance is performed at Aircraft Intermediate Maintenance Departments (AIMD) and Marine Aviation Logistics Squadrons (MALS), to verify faulty WRAs and fault isolate to an SRA or component using the appropriate test equipment. Isolation of faults to the SRA is followed by removal and replacement, or a repair to the piece-part (consumable items, i.e., nuts, bolts, cotter pins, wave guides, etc.), per approved maintenance plans.

Repair to the piece-part is the only authorized intermediate maintenance on AN/APG-65(V)2 Radar peculiar equipment. (The F/A-18 community also has this capability.)

**c. Depot.** Depot level maintenance actions are those requiring major overhauls, or a complete rebuilding, manufacture, or modification of parts, assemblies, subassemblies, and end items. Depot level maintenance for AV-8B is provided by Naval Aviation Depot, Cherry Point.

**d. Interim Maintenance.** Maintenance responsibility under the Phased Support Concept was a Marine Corps and McDonnell Aircraft Company (MCAIR) sharing effort until AV-8B peculiar systems demonstrated the level of maturity required for complete Marine Corps organic support. Incremental transition is complete. Transition began with the organizational level prior to TECHEVAL, and ended with the transition to organic depot level support prior to the Navy Support Date (NSD) in FY96.

**e. Life Cycle Maintenance Plan.** The AV-8B was designed for a 6000 flight hour life without scheduled depot level maintenance. In keeping with the philosophy of Reliability Centered Maintenance, the Age Exploration Program (AEP) was developed to ensure the aircraft achieves the reliability inherent in this design. AEP monitors the condition and performance of the aircraft by collecting and analyzing failure data as the fleet ages through actual operating conditions. One of the primary sources of this data is AEP depot induction aircraft.

**3. Manning Concept.** The number of positions requiring manning are dictated by the deployed workload demanding 24 hours of organizational level servicing during cyclic flight operations. The basic watch condition consists of two sections, each responsible for a twelve-hour period. The manning for such positions is based on Direct Maintenance Man-Hours per Flight Hour of 25.7 for maintenance personnel and 1.6 Pilots per AV-8B Aircraft. The current AV-8B manpower requirements are contained in Marine Attack Squadron (VMA) T/O 8560 (Active). Current manpower requirements for the VMAT are found in T/O 8582. VMAT-203 FREST, currently part of the VMAT T/O, will be separated and renamed NAMTRA MARUNIT under T/O 8584 in FY02. The next update to this NTSP will reflect the new name change throughout.

**4. Training Concept.** VMAT-203, MCAS Cherry Point, is the Fleet Readiness Squadron (FRS) Model Manager for aircrew training of the AV-8B. Marine Aircraft Group (MAG)-14 designated VMAT-203 as an assistant Naval Air Training and Operating Procedures Standardization (NATOPS) Model Manager for AV-8B to assist the AV-8B NATOPS Model Manager. AV-8B courseware and TDs have been updated to include the Night Attack and Radar aircraft. AV-8B Pilot training is conducted per the Aviation Training and Readiness Manual. Pilots receive AV-8B familiarization, ground training, and approximately sixty percent of their combat training at the FRS. Pilots continue on to their permanent squadrons to complete combat and qualifications training. Refresher and modified refresher Category 3 and 4 Pilot training is conducted depending on how long the Pilot has been without AV-8B proficiency training at VMAT-203 FRS, MCAS Cherry Point, and at MAG-13, MCAS Yuma, Arizona.

Organizational and intermediate level maintenance training is currently conducted at VMAT-203 FREST and Naval Aviation Training Group Detachment (NAMTRAGRU DET) Cherry Point, including courses under Maintenance Training Units (MTU) 1006, 3001, and 4034. The AV-8B FREST, attached to VMAT-203, is designated as Model Manager for maintenance training. Maintenance personnel receive technical classroom training and practical hands-on training. Updated courseware and draft Night Attack Aircraft courseware were delivered in September 1989. VMAT-203 FREST Cherry Point developed maintenance courseware updates

for the Radar Aircraft after receipt of Instructor and Cadre training in May 1993 and began instruction in September 1993.

MCAIR, St. Louis, Missouri, implemented the Instructional System Development (ISD) concept at the onset of the weapon system design phase utilizing Full Scale Development (FSD) engineering and Integrated Logistic Support (ILS) information as a database. ISD defines the total AV-8B training requirements in terms of learning objectives. VMAT-203 FREST provided technicians and engineers as Instructors for AV-8B Fleet Cadre training.

The established training concept for most aviation maintenance training divides "A" School courses into two or more segments called Core and Strand. The "C" School courses are Career training courses. "A" School Core courses include general knowledge and skills training for a particular basic MOS, while "A" School Strand courses focus on the more specialized training requirements for that MOS. Strand training immediately follows Core training and is part of the "A" School. Upon completion of Core and Strand "A" School, graduates attend the appropriate Career "C" School, for additional training on a specific type of aircraft or equipment, and to enhance skills and knowledge within their field. Graduates from "C" School receive their primary MOS.

**a. Initial Training.** Initial Training for AN/APG-65(V)2 Radar operation was conducted at VMA Squadrons. Initial Air-to-Ground lessons have been completed. Air-to-Air lessons were developed in 1993 and 1994, as radar capability expanded.

Night Attack Aircraft initial training was accomplished at MCAS Yuma, with cadre training for operators and maintenance personnel. Cadre training focused on the Night Attack Aircraft differences and was intended for personnel already qualified on the Day Attack Aircraft. Instructor and cadre training began in September 1989 and ended in May 1990.

Instructor and cadre personnel received initial organizational maintenance training for the AN/APG-65(V)2 Radar from MCAIR in May 1993 at Naval Air Warfare Center (NAVAIRWARCEN) Weapons Division China Lake, and in July 1993 at MCAS Cherry Point. Training included the following MOSs: 6252, 6282, 6312, and 6332.

Instructor and cadre personnel received initial organizational maintenance training for the Litening II TPOD system from Northrop Grumman Corporation in May 2001 at MCAS Cherry Point. Training included the following MOSs: 6252, 6312, 6332, 6531, and 7509.

Instructor and cadre intermediate maintenance training for the F402-RR-408 Engine was conducted by Rolls Royce. Training began in March 1993, with course validation being completed prior to August 1993.

Initial training for the OSCAR Program, Version 1.2, upgrade will be given at MCAS Cherry Point, however, the date of training and who will perform it has not been established at this time. Future updates to this NTSP will include this information.

**b. Follow-on Training.** Follow-on operator and maintenance training for the AV-8B is performed via the process described earlier in this section and managed by VMAT-203 FRS and VMAT-203 FREST. These training tracks and pipelines will be updated beginning in FY03, by replacing and modifying the existing courseware with the Litening II TPOD system and the OSCAR Program curriculum. Future updates to this NTSP will include this information.

The AN/APG-65(V)2 Radar system curriculum has been incorporated into existing AV-8B operator and organizational maintenance training. Intermediate maintenance training for the AN/APG-65(V)2 Radar Set Test Station (RSTS) operator, MOS 6463, has been established for F/A-18 Aircraft, course C-198-4868, and is part of the existing training track D/E-198-8007. New RSTS courseware will not be developed or incorporated into existing AV-8B intermediate maintenance training tracks. The RSTS will be replaced by the Consolidated Automated Support System (CASS), and personnel with MOS 6463, Radar Technician, are expected to transition to a new CASS MOS 676X, Radar (High Power) Operator (refer to the CASS NTSP for details).

**(1) Operator Training.** Pilot training for the AV-8B is dictated by Marine Corps Order (MCO) P3500.14F Aviation Training and Readiness Manual, Volume II, Tactical Fixed-Wing 100 series. Therefore, the following Pilot courses do not have official course identification numbers assigned. To ease tracking throughout this document, Pilot courses have been assigned Not Applicable (NA) 1 through NA4.

<b>Title .....</b>	<b>AV-8B Fleet Replacement Pilot Category 1 and 2 Pipeline</b>
CIN .....	NA1
Model Manager ..	VMAT-203 FRS
Description .....	This pipeline provides the Category 1 and 2 Student Pilot knowledge and skills including: <ul style="list-style-type: none"> <li>° Flight Training</li> <li>° Crew Tactics and Safety</li> <li>° Communications and Navigation</li> <li>° NATOPS</li> </ul> <p>Upon completion, the student will be able to perform as an AV-8B Pilot in a squadron environment.</p>
Location .....	VMAT-203 FRS, MCAS Cherry Point
Length .....	234 days
RFT date .....	Currently available
Skill identifier .....	MOS 7509

TTE/TD ..... ° 2F133 Operational Flight Trainer (OFT)  
 ° 2F149 Weapons Systems Trainer (WST)  
 ° 2F150 NAWST

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed Technical Training Equipment (TTE) and Training Device (TD) information.

Prerequisites ..... ° Q-2A-0001, Primary Flight Training  
 ° Q-2A-0007, T45-TS Strike Flight Training  
 ° Q-2A-0005, Intermediate Strike Flight Training  
 ° Q-2A-0006, Advanced Strike Flight Training  
 ° E-2D-0032, Survival, Evasion, Resistance, and Escape (SERE) Training  
 ° J-495-0413, Shipboard Aircraft Firefighting  
 ° Security Clearance – Secret

**Title ..... AV-8B Instructor Under Training Pilot Training**

CIN ..... NA2

Model Manager .. VMAT-203 FRS

Description ..... This pipeline provides the prospective Instructor Pilot knowledge and skills including:

- ° Instructional Techniques
- ° Flight Training
- ° Crew Tactics and Safety
- ° Communications and Navigation
- ° NATOPS

Upon completion, the student will be able to perform as an AV-8B Instructor Pilot in a training squadron environment.

Location ..... VMAT-203 FRS, MCAS Cherry Point

Length ..... 40 days

RFT date ..... Currently available

Skill identifier ..... MOS 7509

TTE/TD ..... ° 2F133 OFT  
 ° 2F149 WST  
 ° 2F150 NAWST  
 ° 2F150A RNAWST

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

Prerequisite ..... ° AV-8B Fleet Replacement Pilot, Category 1 and 2 Pipeline  
 ° Security Clearance – Secret

**Title ..... AV-8B Fleet Replacement Pilot Category 3 Pipeline**

CIN ..... NA3

Model Manager .. VMAT-203 FRS

Description ..... This pipeline provides the Category 3 Student Pilot knowledge and skills including:

- ° Flight Training
- ° Crew Tactics and Safety
- ° Communications and Navigation
- ° NATOPS

Upon completion, the student will be able to perform as an AV-8B Pilot in a squadron environment.

Location ..... VMAT-203 FRS, MCAS Cherry Point

Length ..... 40 days

RFT date ..... Currently available

Skill identifier ..... MOS 7509

TTE/TD ..... ° 2F133 OFT  
 ° 2F149 WST  
 ° 2F150 NAWST  
 ° 2F150A RNAWST

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

Prerequisite ..... ° AV-8B Fleet Replacement Pilot, Category 1 and 2 Pipeline  
 ° Security Clearance - Secret

**Title .....** **AV-8B Fleet Replacement Pilot Category 4 Pipeline**

**CIN .....** NA4

**Model Manager ..** VMAT-203 FRS

**Description .....** This pipeline provides the Category 4 Student Pilot knowledge and skills including:

- Flight Training
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as an AV-8B Pilot in a squadron environment.

**Location .....** VMAT-203 FRS, MCAS Cherry Point

**Length .....** 26 days

**RFT date .....** Currently available

**Skill identifier .....** MOS 7509

**TTE/TD .....**

- 2F133 OFT
- 2F149 WST
- 2F150 NAWST
- 2F150A RNAWST

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

**Prerequisite .....**

- AV-8B Fleet Replacement Pilot, Category 1 and 2 Pipeline
- Security Clearance – Secret

## (2) Maintenance Training

(a) **Organizational Level Maintenance.** Updated courseware for personnel with MOS 6212, 6252, 6282, 6312, 6332, and 6531 is as follows:

<b>Title .....</b>	<b>AV-8B Communication, Navigation, Identification/ Electronic Countermeasures System Organizational Maintenance</b>
<b>CIN .....</b>	M-102-0122
<b>Model Manager ..</b>	VMAT-203 FREST
<b>Description .....</b>	<p>This track provides the AV-8/TAV-8 Aircraft Communications and Navigation Weapons System Technician knowledge and skills including:</p> <ul style="list-style-type: none"><li>◦ Academic and Practical Training</li><li>◦ Integrated Controls and Displays</li><li>◦ Navigation and Communication Systems</li><li>◦ Identification and Countermeasures</li><li>◦ Weapons Systems</li><li>◦ Night Attack</li><li>◦ Radar Systems</li><li>◦ Aircraft Wiring and Connector Repair Techniques</li><li>◦ Testing, Troubleshooting, and Repair Procedures</li><li>◦ Avionics Corrosion Control</li><li>◦ Safety</li></ul> <p>Upon completion, the student will be able to perform as an AV-8B Aircraft Communications, Navigation, Identification, and ECM Weapons System Specialist Integrated Organizational Maintenance Technician in a squadron environment under close supervision.</p>
<b>Location .....</b>	VMAT-203 FREST, MCAS Cherry Point
<b>Length .....</b>	105 days
<b>RFT date .....</b>	Currently available
<b>Skill identifier .....</b>	MOS 6312
<b>TTE/TD .....</b>	<ul style="list-style-type: none"><li>◦ 11H94 Avionics SMT</li><li>◦ 11H95 Night Attack/Electrical SMT</li><li>◦ 11H98 Radar/Armament SMT</li><li>◦ 11H156 IGTD</li></ul> <p>Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.</p>

- Prerequisites ..... ° C-100-2020, Avionics Common Core Class A1  
 ° C-100-2018, Avionics Technician O Level Strand Class A1  
 ° Security Clearance - Secret

**Note:** The AN/APG-65 Radar System curriculum has been incorporated into training track M-102-0122 through course *C-102-9895, AV-8B Aircraft COM/NAV/IDEN/ECM Weapons System Specialist Integrated Organizational Maintenance.*

**Title ..... AV-8B Power Plants and Related Systems Organizational Maintenance**

CIN ..... M-601-0113

Model Manager .. VMAT-203 FREST

Description ..... This track provides the AV-8/TAV-8 Fixed-Wing Aircraft Mechanic the knowledge and skills including:

- ° Power Plant and Fuel Systems
- ° Component Purpose and Location
- ° Operation, Troubleshooting, and Repair Procedures
- ° Servicing, Inspections, and Plane Captain Duties
- ° Safety

Upon completion, the student will be able to perform as an AV-8B Power Plants and Related Systems Organizational Maintenance Technician in a squadron environment under close supervision.

Location ..... VMAT-203 FREST, MCAS Cherry Point

Length ..... 73 days

RFT date ..... Currently available

Skill identifier ..... MOS 6212

- TTE/TD ..... ° 11H93 Power Plants SMT  
 ° 11H97 Fuel SMT  
 ° 11H156 IGTD  
 ° Fuel Pressure Test Set  
 ° Blow Off Test Rig

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

Prerequisites ..... ° C-601-2011, Aviation Machinist’s Mate Common Core Class A1  
 ° C-601-2014, Aviation Machinist’s Mate Turbojet Fundamentals Strand Class A1

**Title ..... AV-8B Electrical System Organizational Maintenance**

CIN ..... M-602-0153

Model Manager .. VMAT-203 FREST

Description ..... This track provides the AV-8/TAV-8 Aircraft Electrical Systems Technician the knowledge and skills including:

- ° Electrical, Lighting, and Environmental Control Systems
- ° Pitot Static
- ° Hydraulic Systems
- ° Landing Gear Systems
- ° Flight Control Systems
- ° Fuel and Power Plant Systems
- ° Analysis and Troubleshooting Techniques
- ° Aircraft Wiring and Connector Repair
- ° Safety

Upon completion, the student will be able to perform as an AV-8B Electrical Systems Organizational Maintenance Technician in a squadron environment under close supervision.

Location ..... VMAT-203 FREST, MCAS Cherry Point

Length ..... 95 days

RFT date ..... Currently available

Skill identifier ..... MOS 6332

TTE/TD ..... ° 11H95 Night Attack/Electrical SMT  
 ° 11H97 Fuel SMT  
 ° 11H99 Flight Controls SMT  
 ° 11H100 Landing Gear SMT  
 ° 11H156 IGTD

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

Prerequisites ..... ° C-100-2020, Avionics Common Core Class A1  
 ° C-602-2039, Aviation Electrician’s Mate O Level Strand Class A1  
 ° Security Clearance - Secret

**Title ..... AV-8B Environmental/Escape System Organizational Maintenance**

CIN ..... M-602-0163

Model Manager .. VMAT-203 FREST

Description ..... This track provides the AV-8/TAV-8 Fixed-Wing Aircraft Safety Equipment Mechanic the knowledge and skills including:

- ° Cabin Cooling and Defog Systems
- ° Cabin Pressurization Systems
- ° Forward Avionics Cooling Systems
- ° Canopy Seal/Anti-G and Onboard Oxygen Generating Systems
- ° Rear Equipment Cooling Systems
- ° Waveguide Pressurization and Radar Liquid Cooling Systems
- ° Canopy and Ejection Seat Systems
- ° Testing, Troubleshooting, and Repair Procedures
- ° Removal, Installation, and Inspection Requirements
- ° Safety

Upon completion, the student will be able to perform as an AV-8B Environmental/Escape System Organizational Maintenance Technician in a squadron environment under close supervision.

Location ..... VMAT-203 FREST, MCAS Cherry Point

Length ..... 44 days

RFT date ..... Currently available

Skill identifier ..... MOS 6282

TTE/TD ..... ° 11H96 Egress and Environmental SMT  
 ° AV-8B Ejection Seat

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

Prerequisites ..... ° C-602-2033, Aviation Structural Mechanic (Safety Equipment) Common Core Class A1  
° C-602-2034, Aviation Structural Mechanic (Safety Equipment) Egress Strand Class A1

**Title ..... Aircraft Airframe Mechanic AV-8B**

CIN ..... M-602-0175

Model Manager ... VMAT-203 FREST

Description ..... This track provides the AV-8/TAV-8 Fixed-Wing Aircraft Airframe Mechanic the knowledge and skills including:

- ° Academic and Practical Training
- ° Airframes Systems
- ° Hydraulic Systems
- ° Flight Control Systems
- ° Landing Gear Systems
- ° Testing, Troubleshooting, and Repair Procedures
- ° Removal, Installation, and Inspection Requirements
- ° Safety

Upon completion, the student will be able to perform as an AV-8B Aircraft Airframe Mechanic in a squadron environment under close supervision.

Location ..... VMAT-203 FREST, MCAS Cherry Point

Length ..... 72 days

RFT date ..... Currently available

Skill identifier ..... MOS 6252

TTE/TD ..... ° 11H97 Fuel SMT  
° 11H99 Flight Control SMT  
° 11H100 Landing Gear SMT  
° 11H156 IGTD

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

Prerequisites ..... ° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1  
° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Strand Class A1

<b>Title .....</b>	<b>AV-8B Armament Organizational Systems Maintenance</b>
CIN .....	M-646-0143
Model Manager ..	VMAT-203 FREST
Description .....	<p>This track provides the Aviation Ordnance Technician the knowledge and skills including:</p> <ul style="list-style-type: none"> <li>◦ Armament Systems Operation, Testing, and Troubleshooting Techniques</li> <li>◦ Conventional Weapons Loading and Unloading Procedures</li> <li>◦ Weapons Release and Control Checks</li> <li>◦ Arming and De-Arming Procedures</li> <li>◦ Electronic Countermeasures and Gun Systems</li> <li>◦ Corrosion Control</li> <li>◦ Safety</li> </ul> <p>Upon completion, the student will be able to perform as an AV-8B Armament Organizational Technician in a squadron environment under close supervision.</p>
Location .....	VMAT-203 FREST, MCAS Cherry Point
Length .....	57 days
RFT date .....	Currently available
Skill identifier .....	MOS 6531
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ 11H98 Radar/Armament SMT</li> <li>◦ 11H156 IGTD</li> <li>◦ Guided Missile Launcher</li> <li>◦ 25MM Gun Subsystem</li> <li>◦ AV-8B (the actual aircraft is used as TTE)</li> </ul> <p>Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.</p>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>◦ C-646-2010, Aviation Ordnanceman Class A1</li> <li>◦ Security Clearance - Secret</li> </ul>

**(b) Intermediate Level Maintenance.** Updated courseware for personnel with MOS 6222, 6412, 6413, 6432, 6468, and 6541 is as follows:

<b>Title .....</b>	<b>Aircraft Communications Equipment Intermediate Maintenance</b>
CIN .....	M-102-6412
Model Manager ..	VMAT-203 FREST
Description .....	<p>This track provides the Intermediate Maintenance Activity (IMA) Aircraft Communications Systems Technician the knowledge and skills including:</p> <ul style="list-style-type: none"> <li>◦ RT-648/ARC-94 and RT-698/ARC-102 HF Transceivers</li> <li>◦ AN/ARC-182(V) Communication Equipment</li> <li>◦ AN/ARC-159(V)1 UHF Radios</li> <li>◦ RT-1150 and RT-1194 Remote Transceivers</li> <li>◦ 490T-1/1A/9 Antenna Couplers</li> <li>◦ Operation, Testing, and Troubleshooting Procedures</li> <li>◦ Circuit Analysis, Alignment, and Repair Procedures</li> <li>◦ Safety</li> </ul> <p>Upon completion, the student will be able to perform as an Aircraft Communications Equipment Intermediate Maintenance Technician in a shop environment under close supervision.</p>
Location .....	VMAT-203 FREST, MCAS Cherry Point
Length .....	82 days
RFT date .....	Currently available
Skill identifier .....	MOS 6412
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ Computer Based Training (CBT) Electronic Classroom</li> <li>◦ RT-648/ARC-94 Transceiver</li> <li>◦ RT-698/ARC-102 HF Transceiver</li> <li>◦ AN/ARC-182(V) Transceiver</li> <li>◦ AN/ARC-159(V)1 UHF Radio</li> <li>◦ RT-1150 Remote Transceiver</li> <li>◦ RT-1194 Remote Transceiver</li> <li>◦ 490T-1/1A/9 Antenna Coupler</li> </ul> <p>Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.</p>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2017, Avionics Technician I Level Strand Class A1</li> <li>◦ Security Clearance - Confidential</li> </ul>

<b>Title .....</b>	<b>Aircraft Navigation Systems Equipment Intermediate Maintenance</b>
CIN .....	M-102-6413
Model Manager ..	VMAT-203 FREST
Description .....	<p>This track provides the IMA Aircraft Navigation Systems Technician knowledge and skills including:</p> <ul style="list-style-type: none"> <li>◦ AN/APX-72 Transponder Systems</li> <li>◦ AN/APX-100(V) Transponder Systems</li> <li>◦ AN/ARN-118(V) TACAN Systems</li> <li>◦ AN/APN-194(V) Radar Altimeter Systems</li> <li>◦ Operation, Testing, and Troubleshooting Procedures</li> <li>◦ Circuit Analysis, Alignment, and Repair Procedures</li> <li>◦ Safety</li> </ul> <p>Upon completion, the student will be able to perform as an Aircraft Navigation Systems Equipment Intermediate Maintenance Technician in a shop environment under close supervision.</p>
Location .....	VMAT-203 FREST, MCAS Cherry Point
Length .....	65 days
RFT date .....	Currently available
Skill identifier .....	MOS 6413
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ AN/APX-72 Transceiver</li> <li>◦ AN/APX-100(V) Transceiver</li> <li>◦ AN/ARN-118(V) TACAN</li> <li>◦ AN/APN-194(V) Radar Altimeter</li> </ul> <p>Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.</p>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2017, Avionics Technician I Level Class A1</li> <li>◦ Security Clearance - Confidential</li> </ul>

**Title .....** **AV-8B Model Aircraft AN/USM-604 Electrical Equipment Test Set (EETS) Intermediate Maintenance**

**CIN .....** M-198-8010

**Model Manager ..** VMAT-203 FREST

**Description .....** This track provides the IMA Aircraft EETS and Mobile Electronics Test Set Technician knowledge and skills including:

- AN/USM-604 EETS Equipment
- Operation, Testing, Troubleshooting, and Repair Procedures
- WRA Testing and Repair Procedures
- Systems Software Programming
- Systems Hardware Installation Procedures
- Safety

Upon completion, the student will be able to perform as an AV-8B Model Aircraft AN/USM-604 EETS Intermediate Maintenance Technician in a shop environment under close supervision.

**Location .....** VMAT-203 FREST, MCAS Cherry Point

**Length .....** 54 days

**RFT date .....** Currently available

**Skill identifier .....** MOS 6468

**TTE/TD .....** ◦ Various Computers, Monitors, and Display Units to simulate actual WRA use in aircraft

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

**Prerequisites .....** ◦ C-100-2020, Avionics Common Core Class A1

- C-100-2017, Avionics Technician I Level Class A1
- Security Clearance - Secret

**Note:** The Draft NTSP for the AN/USM-636(V) Consolidated Automated Support System (N88-NTSP-A-50-8515C/D) dated November 2000 shows the AV-8B EETS being replaced by CASS beginning in FY00. However, VMAT-203 FREST advises that there are no immediate plans to delete the EETS track (M-198-8010) from the AV-8B schoolhouse. Quotas for FY02 are already set for 24 Marines per EETS class. Refer to the CASS NTSP for planned CASS student throughput.

**Title .....** **F402 Engine First Degree Intermediate Maintenance**

**CIN .....** M-601-3029

**Model Manager ..** VMAT-203 FREST

**Description .....** This track provides the F402 Fixed-Wing Aircraft Power Plants Mechanic the knowledge and skills including:

- F402-RR-406A, F402-RR-408A, and MK.4 Gas Turbine System Theory
- Component Location and Purpose
- Removal, Installation, and Troubleshooting Procedures
- Cleaning, Inspection, and Repair Procedures
- Safety

Upon completion, the student will be able to perform as an F402 Engine First Degree, Intermediate Maintenance Technician in a shop environment under close supervision.

**Location .....** VMAT-203 FREST, MCAS Cherry Point

**Length .....** 114 days

**RFT date .....** Currently available

**Skill identifier .....** MOS 6222

**TTE/TD .....** ◦ 11H156- IGTD  
◦ MK.4 Generator Starter  
◦ F402-RR-406A Turbofan Engine  
◦ F402-RR-408A Turbofan Engine

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.

**Prerequisites .....** ◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1  
◦ C-601-2014, Aviation Machinist's Mate Turbojet Aircraft Fundamentals Strand Class A1

<b>Title .....</b>	<b>Fixed Wing Aircraft Electrical Instrumentation/ Automatic Flight Control System/Air Data Computer Equipment Intermediate Maintenance</b>
CIN .....	M-602-6432
Model Manager ..	VMAT-203 FREST
Description .....	<p>This track provides the IMA Fixed-Wing Aircraft Electrical/Instrument/Flight Control Systems Technician knowledge and skills including:</p> <ul style="list-style-type: none"> <li>◦ MA-3 Generator Test Stand</li> <li>◦ 20/30KVA Power Generating Systems</li> <li>◦ 30/40KVA Power Generating Systems</li> <li>◦ Flight and Control Panel Sensors</li> <li>◦ Sealed Lead Acid Batteries</li> <li>◦ Troubleshooting, Repair, and Calibration Procedures</li> <li>◦ Safety</li> </ul> <p>Upon completion, the student will be able to perform as a Fixed Wing Aircraft Electrical Instrumentation, Automatic Flight Control System, and Air Data Computer Equipment Intermediate Maintenance Technician in a shop environment under close supervision.</p>
Location .....	VMAT-203 FREST, MCAS Cherry Point
Length .....	26 days
RFT date .....	Currently available
Skill identifier .....	MOS 6432
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ Generator Converter</li> <li>◦ Generator Control</li> <li>◦ AC Generator</li> </ul> <p>Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.</p>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2017, Avionics Technician I Level Strand Class A1</li> </ul>

<b>Title .....</b>	<b>Aircraft Ordnance Technician, IMA</b>
CIN .....	M-646-7026
Model Manager ..	VMAT-203 FREST
Description .....	<p>This track provides the Aviation Ordnance Systems Technician the knowledge and skills including:</p> <ul style="list-style-type: none"> <li>◦ Aircraft Armament Equipment and Gun Systems Repair Procedures</li> <li>◦ Ordnance Assembly and Disassembly</li> <li>◦ Ammunition Management</li> <li>◦ Armament/Weapons Support Equipment</li> <li>◦ Hazardous Material/Explosives Driver</li> <li>◦ Handling Hazardous Material/Explosives with Material Handling Equipment</li> <li>◦ Safety</li> </ul> <p>Upon completion, the student will be able to perform as an IMA Aircraft Ordnance Technician in a shop environment under close supervision.</p>
Location .....	VMAT-203 FREST, MCAS Cherry Point
Length .....	79 days
RFT date .....	Currently available
Skill identifier .....	MOS 6541
TTE/TD .....	<ul style="list-style-type: none"> <li>◦ Armament Turret</li> <li>◦ Various Guided Missile Launchers</li> <li>◦ Various Ejector Racks</li> <li>◦ M197 Automatic Gun</li> <li>◦ 20MM Gun Subsystem</li> <li>◦ 25MM Gun Subsystem</li> <li>◦ Ammo Loader and Replenisher</li> </ul> <p>Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information.</p>
Prerequisites .....	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>

**c. Student Profiles**

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
MOSs 6212, 6222	<ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2014, Aviation Machinist's Mate Turbojet Aircraft Fundamentals Strand Class A1</li> </ul>
MOS 6252	<ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic (Structures and Hydraulics) Intermediate Level Strand Class A1</li> </ul>
MOS 6282	<ul style="list-style-type: none"> <li>° C-602-2033, Aviation Structural Mechanic E (Safety Equipment) Common Core Class A1</li> <li>° C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1</li> </ul>
MOS 6312	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>
MOS 6332	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-602-2039, Aviation Electrician's Mate O Level Strand Class A1</li> </ul>
MOSs 6412, 6413, 6432, 6468	<ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2017, Avionics Technician I Level Class A1</li> </ul>
MOSs 6531, 6541	<ul style="list-style-type: none"> <li>° C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>
MOS 7509	<ul style="list-style-type: none"> <li>° Q-2A-0001, Primary Flight Training</li> <li>° Q-2A-0007, T45-TS Strike Flight Training</li> <li>° Q-2A-0005, Intermediate Strike Flight Training</li> <li>° Q-2A-0006, Advanced Strike Flight Training</li> <li>° E-2D-0032, Survival, Evasion, Resistance, and Escape Training</li> <li>° J-495-0413, Shipboard Aircraft Firefighting</li> </ul>

**d. Training Pipelines.** AV-8B training tracks and pipelines were updated in September 1993 and are currently on-line. New or modified curriculum for the Litening II TPOD system and the OSCAR Program, beginning in FY03, will be added to existing courseware. Future updates of this NTSP will include these changes.

**I. ONBOARD (IN-SERVICE) TRAINING.** AV-8B Pilots require significant specialized knowledge and skills for which an especially high standard of performance is critical for effective weapon system employment. These performance standards are achieved and maintained per the Training and Readiness Manual and NATOPS.

### **1. Proficiency or Other Training Organic to the New Development**

**a. Maintenance Training Improvement Program.** Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace Maintenance Training Improvement Program (MTIP) and is scheduled to begin full implementation for fleet deployment in FY01.

**b. Aviation Maintenance Training Continuum System.** AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction for the technicians in the Fleet in the form of Interactive Courseware (ICW) with Computer Managed Instruction and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing (Test and Evaluation), recording (Electronic Certification Qualification Records) and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate Commercial off-the Shelf (COTS) hardware and software, i.e., Fleet TDs, laptops, Personal Computers (PC), Electronic Classrooms, Learning Resource Centers, operating software, network software, and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs. AMTCS implementation will begin with the F-14, E-2C, and all F/A-18 Model Aircraft. For more information on AMTCS, refer to PMA205-3D3.

### **2. Personnel Qualification Standards. NA**

**3. Other Onboard or In-Service Training Packages.** Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. (MATMEP is planned to be replaced by AMTCS.)

**J. LOGISTICS SUPPORT**

**1. Manufacturer and Contract Numbers**

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>ADDRESS</b>
N00019-80-C-0655	McDonnell Aircraft Company	The Boeing Company P.O. Box 516 St. Louis, MO 63166-0516
N00019-88-C-0001	Rolls Royce	Rolls Royce 1530 Wilson Boulevard Arlington, VA 22209
N00019-97-C-0046	Northrop Grumman Corporation	1000 Wilson Boulevard Suite 2300 Arlington, VA 22209

**2. Program Documentation.** Integrated Logistic Support Plans (ILSP) have been developed to support the Trainer, the Day Attack, the Night Attack, and the Radar Aircraft.

- The Trainer and Day Attack Aircraft ILSP (MDC A5833, Revision E) was developed by MCAIR and approved by the Navy on 25 February 1987.
- The Night Attack Aircraft ILSP (MDC B0350) was approved by the Navy on 10 June 1988.
- The Radar Aircraft ILSP, AV-ILSP-305 (MDC 91B0277), was approved by the Navy on 31 December 1992 and revised 31 January 1997.

The plans delineate responsibilities and are utilized by the Assistant Program Manager Logistics, Logistic Element Managers, field activity personnel, and MCAIR as working

documents to outline methodologies for developing ILS elements from initial requirements identification through the total life of the weapon system.

**3. Technical Data Plan.** Publication support for the AV-8B has been planned at all three levels of maintenance. The Marine Corps, with contractor support, performed formal verification of the production series manuals. Organizational level publications are in hard-copy format. Sufficient quantities of all required technical manuals are currently available to support the AV-8B employment concept of deploying the squadron as two distinct units.

Quantities and types of technical manuals for training purposes have been reviewed and validated. Incorporation of the Night Attack and Radar Aircraft into existing technical manuals and publication of new manuals has been accomplished. Technical manual revisions required to support the incorporation of the AN/APG-65(V)2 Radar and F402-RR-408 Engine were identified and delivered. Currently all organizational, intermediate, and depot level technical manuals are available to all applicable Marine Corps activities and the Naval Aviation Depot. Fleet verification of publications provided was performed six to eight months after initial delivery.

Technical manual updates to include the Litening II TPOD system and the OSCAR Program have not been established at this time. Future updates to this NTSP will include these changes.

**4. Test Sets, Tools, and Test Equipment.** The support equipment, special tools, and test equipment have been identified and included as a requirement on the Support Equipment Recommendation Data List for procurement. Organizational level support equipment for the F402-RR-408 Engine has been delivered and is in place. Rolls Royce provided minor modifications to intermediate level Support Equipment (SE) required by redesign of the F402-RR-408 Engine. The current AN/APG-65 Radar Set Test Station is used as the intermediate level test set for the AN/APG-65(V)2 Radar System, however, this system will be replaced by CASS (refer to the CASS NTSP for details).

TTE and SE for the Litening II TPOD system have not been established at this time. Future updates to this NTSP will include these changes.

**5. Repair Parts.** Repair and spare parts are requisitioned through standard supply channels. The Material Support Date (MSD) for the Trainer and Day Attack aircraft was achieved in October 1986, the Night Attack Aircraft in October 1992, and the Radar Aircraft in April 1995. Common piece-part transition to Naval Inventory Control Point (NAVICP) procurement occurred prior to MSD. Contractor-to-NAVICP support transitioned with the "phased support" concept. Some equipment transitioned prior to the target MSD, other items required additional lead time prior to NAVICP tracking, procurement, and support.

<b>AIRCRAFT</b>	<b>NSD</b>	<b>MSD</b>
Trainer and Day Attack	Jan 87	Oct 86

<b>AIRCRAFT</b>	<b>NSD</b>	<b>MSD</b>
Night Attack	Oct 92	Oct 92
Radar	Apr 96	Apr 95

The initial 56 Litening II TPOD systems are being requisitioned from Northrop Grumman Corporation by PMA257, NAVAIRSYSCOM. These systems are currently in the USAF supply system in support of F-16 Aircraft. NSD, MSD, and Contractor-to-NAVICP support dates have not been established at this time. Current plans are to return any failed systems directly to the contractor for one-for-one replacement. Future updates to this NTSP will include these changes.

#### **6. Human Systems Integration. NA**

### **K. SCHEDULES**

#### **1. Installation and Delivery Schedules**

#### **DAY ATTACK AIRCRAFT REMANUFACTURED TO RADAR AIRCRAFT ASSIGNMENT SCHEDULE**

<b>REMAN NUMBER</b>	<b>ORIGIN DAY ATTACK BUREAU NUMBER</b>	<b>REMAN INDUCTION DATE</b>	<b>NEW REMAN RADAR BUREAU NUMBER</b>	<b>DELIVERY DATE</b>	<b>RECEIVING SQUADRON</b>
REMAN 1	162728	Jun 95	165305	Jan 96	NWTS-CHLK
REMAN 2	161581	Sep 95	165306	Apr 96	VMA-542
REMAN 3	161583	Nov 95	165307	Sep 96	VMA-542
REMAN 4	162082	Mar 96	165308	Dec 96	VMA-223
REMAN 5	162083	Apr 95	165309	Jul 97	VMA-542
REMAN 6	162068	Jul 95	165310	Sep 97	VMA-542
REMAN 7	162074	Jul 95	165311	Nov 97	VMA-542
REMAN 8	162087	Sep 95	165312	Dec 97	VMA-542
REMAN 9	162956	Apr 96	165354	Feb 98	VMA-223
REMAN 10	162957	Jun 96	165355	Apr 98	VMA-223
REMAN 11	162949	Jul 96	165356	Jun 98	VMA-223

<b>REMAN NUMBER</b>	<b>ORIGIN DAY ATTACK BUREAU NUMBER</b>	<b>REMAN INDUCTION DATE</b>	<b>NEW REMAN RADAR BUREAU NUMBER</b>	<b>DELIVERY DATE</b>	<b>RECEIVING SQUADRON</b>
REMAN 12	162086	Nov 96	165357	Jun 98	VMA-223
REMAN 13	162729	Jan 97	165380	Jul 98	VMA-223
REMAN 14	162088	Feb 97	165381	Jul 98	VMA-223
REMAN 15	162968	May 97	165382	Aug 98	VMA-223
REMAN 16	162959	May 97	165383	Sep 98	VMA-223
REMAN 17	162962	Jul 97	165384	Nov 98	VMA-223
REMAN 18	162946	Sep 97	165385	Dec 98	VMA-223
REMAN 19	162069	Oct 97	165386	Feb 99	VMA-223
REMAN 20	162725	Nov 97	165387	Feb 99	VMA-223
REMAN 21	162944	Dec 97	165388	Jun 99	VMA-231
REMAN 22	162744	Jan 98	165389	Apr 99	VMA-231
REMAN 23	162741	Jan 98	165390	May 99	VMA-231
REMAN 24	161575	Mar 98	165391	Jun 99	VMA-231
REMAN 25	161580	Mar 98	165397	Jun 99	VMA-211
REMAN 26	161579	Apr 98	165398	Oct 99	VMA-311
REMAN 27	162080	May 98	165417	Jan 00	VMA-311
REMAN 28	162077	Jun 98	165418	Dec 99	VMA-211
REMAN 29	162951	Jun 98	165419	Dec 99	VMA-513
REMAN 30	162070	Jul 98	165420	May 00	VMA-214
REMAN 31	162731	Aug 98	165421	Feb 00	VMA-214
REMAN 32	162723	Aug 98	165422	Jun 00	VMA-211
REMAN 33	163183	Sep 98	165423	Jun 00	VMA-214
REMAN 34	163200	Oct 98	165424	Oct 00	VMA-311
REMAN 35	162950	Nov 98	165425	Jun 00	VMA-214
REMAN 36	163179	Jan 99	165426	Jun 00	VMA-311
REMAN 37	162085	Jan 99	165427	Aug 00	VMA-211

<b>REMAN NUMBER</b>	<b>ORIGIN DAY ATTACK BUREAU NUMBER</b>	<b>REMAN INDUCTION DATE</b>	<b>NEW REMAN RADAR BUREAU NUMBER</b>	<b>DELIVERY DATE</b>	<b>RECEIVING SQUADRON</b>
REMAN 38	163663	Jan 99	165428	Aug 00	VMA-211
REMAN 39	163517	Feb 99	165429	Sep 00	VMA-311
REMAN 40	163426	Mar 99	165430	Apr 01	VMA-211
REMAN 41	163662	Mar 99	165566	Mar 01	BOEING
REMAN 42	163682	May 99	165567	Dec 00	VMA-211
REMAN 43	162943	May 99	165568	Jan 01*	TBD
REMAN 44	163198	Jun 99	165569	Feb 01*	TBD
REMAN 45	162953	Aug 99	165570	Mar 01*	TBD
REMAN 46	162965	Aug 99	165571	Apr 01	VMA-311
REMAN 47	162958	Sep 99	165572	May 01*	TBD
REMAN 48	163192	Oct 99	165573	Jun 01	VMA-311
REMAN 49	162726	Nov 99	165574	Jul 01*	TBD
REMAN 50	162973	Dec 99	165575	Aug 01*	TBD
REMAN 51	163178	Jan 00	165576	Sep 01*	TBD
REMAN 52	162733	Feb 00	165577	Sep 01*	TBD
REMAN 53	163203	Aug 00	165578	Oct 01*	TBD
REMAN 54	163683	May 00	165579	Nov 01*	TBD
REMAN 55	163675	May 00	165580	Dec 01*	TBD
REMAN 56	163176	Jun 00	165581	Jan 02*	TBD
REMAN 57	163519	Jul 00	165582	Feb 02*	TBD
REMAN 58	163690	Aug 00	165583	Mar 02*	TBD
REMAN 59	163664	Sep 00	165584	Apr 02*	TBD
REMAN 60	163672	Oct 00	165585	May 02*	TBD
REMAN 61	163674	Nov 00	165586	Jun 02*	TBD
REMAN 62	162960	Dec 00	165587	Jul 02*	TBD
REMAN 63	162730	Jan 01	165588	Aug 02*	TBD

<b>REMAN NUMBER</b>	<b>ORIGIN DAY ATTACK BUREAU NUMBER</b>	<b>REMAN INDUCTION DATE</b>	<b>NEW REMAN RADAR BUREAU NUMBER</b>	<b>DELIVERY DATE</b>	<b>RECEIVING SQUADRON</b>
REMAN 64	162738	Feb 01	165589	Sep 02*	TBD
REMAN 65	163204	Mar 01	165590	Oct 02*	TBD
REMAN 66	162742	Apr 01	165591	Nov 02*	TBD
REMAN 67	162967	May 01	165592	Dec 02*	TBD
REMAN 68	163193	Jun 01	165593	Jan 03*	TBD
REMAN 69	162727	Jul 01	165594	Feb 03*	TBD
REMAN 70	163665	Aug 01	165595	Mar 03*	TBD
REMAN 71	163189	Sep 01	165596	Apr 03*	TBD
REMAN 72	163668	Oct 01	165597	May 03*	TBD
REMAN 73	163677	Nov 01	166287	Jul 03*	TBD
REMAN 74	163678	Dec 01	166288	Sep 03*	TBD

\* Delivery dates are projected and could change. Future updates to this NTSP will include these changes.

**Note:** Aircraft with To Be Determined (TBD) in the “Receiving Squadron” column have not been delivered or assigned a squadron.

Aircraft will be assigned to a squadron on an individual basis. Upon completion of the remanufacture program (and beginning in FY04), each VMA squadron is expected to have a complement of ten Radar and six Night Attack aircraft. VMAT-203 is not scheduled to receive any Radar Aircraft. However, after completion of the remanufacture program (and beginning in FY04), it is projected to receive a total complement of 12 Night Attack and 12 Trainer (Night Attack modified) aircraft. Current disposition of the remaining Day Attack Aircraft has not been determined at this time; future updates to this NTSP will include this information.

Current plans are to purchase 56 Litening II TPOD systems for use on Radar and Night Attack aircraft, to be delivered between December 2001 and April 2003. Each squadron is to be allotted seven systems, with MAG-14 receiving the initial seven. At this time, an installation or delivery schedule for the systems has not been established. Future updates to this NTSP will include this information.

The AV-8B OSCAR Program, Version 1.2, upgrades is projected to begin in October 2001. At this time there is no established installation schedule for each squadron. Future updates to this NTSP will include this information.

**2. Ready For Operational Use Schedule.** The first tactical Marine Corps Day Attack Aircraft Squadron, VMA-231, became operational in January 1985. The Night Attack Aircraft Squadron, VMA-214, became operational in April 1991. The first Radar Aircraft became operational in July 1993.

**3. Time Required to Install at Operational Sites.** NA

**4. Foreign Military Sales and Other Source Delivery Schedule.** FMS delivery schedules may be obtained as needed from PMA257, NAVAIRSYSCOM.

**5. Training Device and Technical Training Equipment Delivery Schedule.** All Maintenance TDs have been delivered.

MAG-13, MCAS Yuma, currently has a 2F150 NAWST and a modified 2F149 WST. The 2F149 WST began modification to become a 2F150B RNAWST in October 1998 and was Ready For Training (RFT) in January 2000.

VMAT-203 FRS, MCAS Cherry Point, currently has a 2F133 OFT that is scheduled to begin modification to become a 2F150A RNAWST in FY02.

The 11H93 Power Plants SMT, 11H94 Avionics SMT, 11H96 Egress and Environmental SMT, 11H97 Fuel SMT, 11H99 Flight Controls SMT, and the 11H100 Landing Gear SMT are currently being reviewed for configuration upgrade to Radar. All configuration changes are scheduled to begin in FY02.

The Litening II TPOD system configuration will be incorporated in the 2F150 NAWST, the 2F150A RNAWST, the 2F150B RNAWST, the 11H98 Radar/Armament SMT, and the 11H156 IGTD. Systems modifications are proposed to begin in FY02 with an estimated completion date in FY03.

<b>TRAINING DEVICE OR TECHNICAL TRAINING EQUIPMENT</b>	<b>DELIVERY</b>	<b>RFT</b>	<b>LOCATION</b>
11H93 Power Plants SMT	Mar 86	Mar 86	MCAS Cherry Point
11H94 Avionics SMT	Jul 87	Jul 87	MCAS Cherry Point
11H95 Electrical SMT	Oct 86	Oct 86	MCAS Cherry Point

<b>TRAINING DEVICE OR TECHNICAL TRAINING EQUIPMENT</b>	<b>DELIVERY</b>	<b>RFT</b>	<b>LOCATION</b>
11H96 Egress and Environmental SMT	Jan 86	Jan 86	MCAS Cherry Point
11H97 Fuel SMT	May 86	May 86	MCAS Cherry Point
11H98 Armament SMT	Nov 86	Dec 86	MCAS Cherry Point
11H99 Flight Controls SMT	Sep 87	Sep 87	MCAS Cherry Point
11H100 Landing Gear SMT	Feb 87	Mar 87	MCAS Cherry Point
11H156 IGTD	Aug 92	Aug 92	MCAS Cherry Point
2F133 OFT	Sep 84	Mar 85	MCAS Cherry Point
2F149 WST	Feb 89	Mar 89	MCAS Cherry Point
2F150 NAWST	May 89	Dec 90	MCAS Yuma
2F150B RNAWST	Oct 98	Jan 00	MCAS Yuma
2F150A RNAWST	May 93	Oct 94	MCAS Cherry Point

The following Interactive Multimedia Instruction (IMI) Products were developed for AV-8B training devices since the last Approved AV-8B NTSP. The Defense Automated Visual Information System (DAVIS) web site contains detailed information and descriptions of audiovisual IMI products.

<b>INTERACTIVE MULTIMEDIA INSTRUCTION (IMI) TITLE</b>	<b>STATUS</b>
<b>AV-8B IGTD Computer-Assisted Instruction (CAI).</b> Theory of Operation for Ordnance and Power Plants. Displays total system functions of AV-8B using 2D and 3D animation sequences to simulate target tracking, external scenes, radar screens, wave guides, system components, and associated systems, including flow diagrams and schematics to simulate the real world environment.	Completed Mar 99
<b>AV-8B Structures CAI.</b> Maintenance of the structural system of the AV-8B.	Under Development Feb 99

<b>INTERACTIVE MULTIMEDIA INSTRUCTION (IMI) TITLE</b>	<b>STATUS</b>
<b>Maverick Engagement Training Aid (META) CBT.</b> Provides a means for familiarizing Operational Forces with Maverick Missile components, aerodynamic performance data, Maverick weapon delivery considerations, and Maverick Missile displays. META features four training components: tutorial, exercise generator, simulation, and evaluation.	Completed Jun 97
<b>AN/APG-65 Radar CBT.</b> Radar theory of operation, component recognition, Radar displays, 2D and 3D graphics, and animation.	Completed Mar 96
<b>25 MM Gun System CBT.</b> Theory of operation, component recognition for AV-8B ordnance/weapon systems and 25 MM Gun system, 2D and 3D graphics, and animation.	Completed Mar 96
<b>AV-8B Hydraulic System CBT.</b> Theory of operation, component recognition of the AV-8B hydraulic systems, 2D and 3D graphics, and animation.	Completed Mar 96
<b>F408 Engine CBT.</b> Theory of operation, component recognition of the F402-RR-408 Engine, 2D and 3D graphics, and animation.	Completed Mar 96
<b>SAAHS/Flight Controls CBT.</b> Electrical, mechanical, and hydraulic theory of operation, component recognition for AV-8B Electrical, Avionics, and Airframes Technicians, 2D and 3D graphics, and animation.	Completed Mar 96
<b>AV-8B Fuel System CBT.</b> Theory of operation, component recognition of the AV-8B fuel system, 2D and 3D graphics, and animation.	Completed Mar 96
<b>Organizational Maintenance Power Plants CBT.</b> Electrical and mechanical theory of operation, component recognition of AV-8B power plants, 2D and 3D graphics, and animation.	Completed Mar 96
<b>Weapons: Ammunitions Ordnance CBT.</b> Electrical and mechanical theory of operation, component recognition for AV-8B ordnance, 2D and 3D graphics, and animation.	Completed Mar 96
<b>AV-8B Egress and Environment Systems CBT.</b> Theory of operation, component recognition of egress and environmental systems of the AV-8B, 2D and 3D graphics, animation, and captured video.	Under Development Mar 96

<b>INTERACTIVE MULTIMEDIA INSTRUCTION (IMI) TITLE</b>	<b>STATUS</b>
<b>AV-8B Harrier Aircraft Maintenance IGTD CAI.</b> Theory of operation for ordnance and power plants, displays total system functions of AV-8B Harrier II Plus using 2D and 3D animation sequences to simulate target tracking, external scenes, radar screens, wave guides, system components, and associated systems, including flow diagrams and schematics to simulate the real world environment.	Completed Jun 95
<b>AV-8B Maintenance Entry Level/Refresher Training CBT.</b> TBD	Planned Development Aug 95

**L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA**

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Italian Training Plan	FNTP-I-9001A	PMA205	In Review
AN/ASB-19(V) Angle Rate Bombing Set	A-50-8505A/A	APC200	Approved Sep 86
Integrated Logistics Support Plan For Trainer and Day Attack Aircraft	MDC A5833 Revision E	PMA257	Approved Feb 87
Integrated Logistics Support Plan for the Night Attack Aircraft	MDC B0350 Revision A	PMA257	Approved Jun 88
AN/ALQ-165 Advanced Self-Protection Jammer (ASPJ)	A-50-8407B/A	PMA272	Approved Feb 92
Tactical Airborne Electronic Warfare System (TAEWS)	A-50-8006D/D	PMA205	Draft Feb 94
Global Positioning System Equipment	E-70-8215B/A	PMA205	Approved Apr 96

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Integrated Logistics Support Plan for the Radar Aircraft	AV-ILSP-305(B)	PMA257	Approved Jan 97
AN/USM-636(V) Consolidated Automated Support System NTSP	N88-NTSP-A-50-8515C/D	PMA260	Draft Nov 00
AN/APX-100(V) Transponder Set	A-50-8305B/D	AIR-553	Approved Apr 00

## PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the T/AV-8B Harrier II Weapon System and, therefore, are not included in Part II of this NTSP:

### II.A. Billet Requirements

#### II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

## II.A. BILLET REQUIREMENTS

### II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

**SOURCE:** Extracts from Marine Corps Table of Organization

**DATE:** 7/1/01

ACTIVITY, UIC		PFYs	CFY01	FY02	FY03	FY04	FY05
OPERATIONAL ACTIVITIES - USMC							
VMA Squadrons	00000	3	0	0	0	0	0
VMAT-203 Squadron	45483	1	0	0	0	0	0
VMA Squadrons	00000	4	0	0	0	0	0
<b>TOTAL:</b>		8	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
Aviation Dept HQMC, Arlington	31201	1	0	0	0	0	0
Defense Logistics Agency, Alexandria	45947	1	0	0	0	0	0
EAMTMU, Pensacola	30500	1	0	0	0	0	0
EWTG LANT, Norfolk	67355	1	0	0	0	0	0
Flag and Staff Allow LANT Fleet and NAVEUR	00000	1	0	0	0	0	0
H&HS MCAS, Cherry Point	00146	1	0	0	0	0	0
H&HS NADEP, Cherry Point	00146	1	0	0	0	0	0
MALS-14 (East VMA Augment)	09114	3	0	0	0	0	0
MALS-14 (VMAT-203 Augment)	09114	1	0	0	0	0	0
MALS-14, Cherry Point	09114	1	0	0	0	0	0
MARCOR Assigned Allied/UN Commands	00000	1	0	0	0	0	0
Marine Aviation Det, Patuxent River	67356	1	0	0	0	0	0
Marine Aviation Det, China Lake	67852	1	0	0	0	0	0
MASD, Andrews	65027	1	0	0	0	0	0
MASD, Belle Chase	67812	1	0	0	0	0	0
MATSG-21, Pensacola	67412	1	0	0	0	0	0
MC Personnel Dept of Navy Non-Dept, Arlington	65045	1	0	0	0	0	0
MCCDC, Quantico	00264	1	0	0	0	0	0
NAMTRAGRU MARCOR PERS	39469	1	0	0	0	0	0
OSD and DOD Activities, Arlington	41567	1	0	0	0	0	0
SPL ASGN MC Navy Dept, Arlington	31201	1	0	0	0	0	0
Training and Education Command, Quantico	65023	1	0	0	0	0	0
EWTG PAC, San Diego	63018	1	0	0	0	0	0
Flag and Staff Allow PAC Fleet and NAVCENT	00000	1	0	0	0	0	0
H&HS MCAS, Yuma	62974	1	0	0	0	0	0
MALS-12, Iwakuni Japan	09112	1	0	0	0	0	0
MALS-13 (West VMA Augment)	55585	4	0	0	0	0	0
MALS-13, Yuma	55585	1	0	0	0	0	0
Marine Aviation Weapons and Tactics Sqd, Yuma	55167	1	0	0	0	0	0
MCAGCC, Twenty-nine Palms	67399	1	0	0	0	0	0
<b>TOTAL:</b>		35	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USMC					
<b>VMA Squadrons, 00000</b>					
USMC	10	0	CAPT	7509	
	1	0	CWO2	0170	
	1	0	CWO2	6004	
	1	0	CWO2	6302	
	1	0	CWO2	6502	
ACDU	1	0	LT	2102	
USMC	1	0	LT	6002	
	9	0	LT	7509	
	2	0	LTCOL	7509	
	4	0	MAJ	7509	
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	0431	
	0	1	CPL	6042	
	0	3	CPL	6046	
	0	2	CPL	6048	
	0	1	CPL	6072	
	0	9	CPL	6212	
	0	8	CPL	6252	
	0	4	CPL	6282	
	0	5	CPL	6312	
	0	6	CPL	6332	
	0	6	CPL	6531	
	0	1	GYSGT	0193	
	0	1	GYSGT	6046	
	0	3	GYSGT	6212	
	0	1	GYSGT	6252	
	0	1	GYSGT	6252	9954
	0	1	GYSGT	6282	
	0	2	GYSGT	6312	
	0	1	GYSGT	6332	
	0	1	GYSGT	6531	
ACDU	0	1	HM1	8404	
	0	1	HM2	8404	
	0	1	HM2	8406	
USMC	0	4	LCPL	0121	
	0	2	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	0231	
	0	1	LCPL	0431	
	0	1	LCPL	6042	
	0	4	LCPL	6046	
	0	2	LCPL	6048	
	0	1	LCPL	6072	
	0	19	LCPL	6212	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	15	LCPL	6252	
	0	5	LCPL	6282	
	0	8	LCPL	6312	
	0	7	LCPL	6332	
	0	16	LCPL	6531	
	0	4	LCPL	7041	
	0	2	MSGT	6019	
	0	1	MSGT	6391	
	0	1	MSGT	6591	
	0	1	SGT	0121	
	0	2	SGT	6046	
	0	2	SGT	6048	
	0	1	SGT	6072	
	0	8	SGT	6212	
	0	1	SGT	6222	
	0	7	SGT	6252	
	0	2	SGT	6282	
	0	3	SGT	6312	
	0	3	SGT	6332	
	0	4	SGT	6531	
	0	1	SGT	7041	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0231	
	0	1	SSGT	6046	
	0	1	SSGT	6048	
	0	6	SSGT	6212	
	0	4	SSGT	6252	
	0	1	SSGT	6282	
	0	2	SSGT	6312	
	0	2	SSGT	6332	
	0	3	SSGT	6531	
0	1	SSGT	7041		
0	1	SSGT	8421		
0	1	SSGT	8711		
<b>VMA Squadrons, 00000, FY04 Increment</b>					
USMC	0	1	CPL	6252	
	0	1	CPL	6312	
	0	1	CPL	6531	
	0	1	LCPL	6252	
<b>ACTIVITY TOTAL:</b>					
	31	222			
<b>VMAT-203 Squadron, 45483</b>					
USMC	1	0	CAPT	6002	
	1	0	CAPT	6004	
	1	0	CWO2	0170	
	1	0	CWO3	6502	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	1	0	CWO5	6302	
ACDU	1	0	LT	2102	
USMC	1	0	LTCOL	7509	
	1	0	MAJ	7509	
	0	1	CPL	0121	
	0	2	CPL	0151	
	0	1	CPL	0431	
	0	1	CPL	6046	
	0	1	CPL	6048	
	0	1	CPL	6072	
	0	18	CPL	6212	
	0	13	CPL	6252	
	0	6	CPL	6312	
	0	4	CPL	6332	
	0	6	CPL	6531	
	0	3	CPL	7041	
	0	1	GYSGT	0193	
	0	1	GYSGT	6048	
	0	3	GYSGT	6212	
	0	4	GYSGT	6252	
	0	1	GYSGT	6312	
	0	1	GYSGT	6332	
	0	1	GYSGT	6531	
	0	1	GYSGT	7041	
ACDU	0	1	HM2	8406	
	0	2	HM3	8404	
USMC	0	6	LCPL	0121	
	0	2	LCPL	0151	
	0	1	LCPL	2111	
	0	2	LCPL	0431	
	0	1	LCPL	5711	
	0	1	LCPL	6042	
	0	1	LCPL	6046	
	0	6	LCPL	6048	
	0	2	LCPL	6072	
	0	34	LCPL	6212	
	0	14	LCPL	6252	
	0	9	LCPL	6282	
	0	14	LCPL	6312	
	0	14	LCPL	6332	
	0	11	LCPL	6531	
	0	6	LCPL	7041	
	0	1	MGYSGT	6019	
	0	1	MGYSGT	6391	
	0	1	MSGT	6019	
	0	1	SGT	0121	
	0	2	SGT	6046	
	0	3	SGT	6048	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS		
	OFF	ENL					
USMC	0	5	SGT	6212	6034		
	0	2	SGT	6252			
	0	3	SGT	6282			
	0	6	SGT	6312			
	0	7	SGT	6332			
	0	7	SGT	6531			
	0	1	SGT	7041			
	0	1	SGTMAJ	9999			
	0	2	SSGT	6046			
	0	1	SSGT	6048			
	0	3	SSGT	6212	9954		
	0	1	SSGT	6252			
	0	2	SSGT	6282			
	0	2	SSGT	6312			
	0	4	SSGT	6332			
	0	2	SSGT	6531			
	0	1	SSGT	8421			
	0	1	SSGT	8711			
	<b>ACTIVITY TOTAL:</b>	<b>8</b>	<b>257</b>				
	<b>VMA Squadrons, 00000</b>						
USMC	10	0	CAPT	7509			
	1	0	CWO2	0170			
	1	0	CWO2	6004			
	1	0	CWO2	6302			
	1	0	CWO2	6502			
ACDU	1	0	LT	2102			
USMC	1	0	LT	6002			
	9	0	LT	7509			
	2	0	LTCOL	7509			
	4	0	MAJ	7509			
	0	1	CPL	0121			
	0	1	CPL	0151			
	0	1	CPL	0431			
	0	1	CPL	6042			
	0	3	CPL	6046			
	0	2	CPL	6048			
	0	1	CPL	6072			
	0	9	CPL	6212			
	0	8	CPL	6252			
	0	4	CPL	6282			
	0	5	CPL	6312			
	0	6	CPL	6332			
	0	6	CPL	6531			
	0	1	GYSGT	0193			
	0	1	GYSGT	6046			
	0	3	GYSGT	6212			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	GYSGT	6252	9954
	0	1	GYSGT	6252	
	0	1	GYSGT	6282	
	0	2	GYSGT	6312	
	0	1	GYSGT	6332	
	0	1	GYSGT	6531	
ACDU	0	1	HM1	8404	
	0	1	HM2	8404	
	0	1	HM2	8406	
USMC	0	4	LCPL	0121	
	0	2	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	0231	
	0	1	LCPL	0431	
	0	1	LCPL	6042	
	0	4	LCPL	6046	
	0	2	LCPL	6048	
	0	1	LCPL	6072	
	0	19	LCPL	6212	
	0	15	LCPL	6252	
	0	5	LCPL	6282	
	0	8	LCPL	6312	
	0	7	LCPL	6332	
	0	16	LCPL	6531	
	0	4	LCPL	7041	
	0	2	MSGT	6019	
	0	1	MSGT	6391	
	0	1	MSGT	6591	
	0	1	SGT	0121	
	0	2	SGT	6046	
	0	2	SGT	6048	
	0	1	SGT	6072	
	0	8	SGT	6212	
	0	1	SGT	6222	
	0	7	SGT	6252	
	0	2	SGT	6282	
	0	3	SGT	6312	
	0	3	SGT	6332	
	0	4	SGT	6531	
0	1	SGT	7041		
0	1	SGTMAJ	9999		
0	1	SSGT	0231		
0	1	SSGT	6046		
0	1	SSGT	6048		
0	6	SSGT	6212		
0	4	SSGT	6252		
0	1	SSGT	6282		
0	2	SSGT	6312		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	2	SSGT	6332	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
<b>VMA Squadrons, 00000, FY04 Increment</b>					
USMC	0	1	CPL	6252	
	0	1	CPL	6312	
	0	1	CPL	6531	
	0	1	LCPL	6252	
<b>ACTIVITY TOTAL:</b>	31	222			
<b>FLEET SUPPORT ACTIVITIES - USMC</b>					
<b>Aviation Dept HQMC, Arlington, 31201</b>					
USMC	1	0	MAJ	7509	7523
	1	0	MAJ	7509	9958
<b>ACTIVITY TOTAL:</b>	2	0			
<b>Defense Logistics Agency, Alexandria, 45947</b>					
USMC	0	1	SSGT	6282	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>EAMTMU, Pensacola, 30500</b>					
USMC	0	2	GYSGT	6332	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>EWTG LANT, Norfolk, 67355</b>					
USMC	1	0	MAJ	7509	
<b>ACTIVITY TOTAL:</b>	1	0			
<b>Flag and Staff Allow LANT Fleet and NAVEUR, 00000</b>					
USMC	1	0	CAPT	7509	6002
	1	0	LTCOL	7509	
<b>ACTIVITY TOTAL:</b>	2	0			
<b>H&amp;HS MCAS, Cherry Point, 00146</b>					
USMC	0	1	CPL	6212	
<b>ACTIVITY TOTAL:</b>	0	1			



II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>H&amp;HS NADEP, Cherry Point, 00146</b>					
USMC	1	0	CAPT	7509	9957
	0	1	GYSGT	6252	
	0	1	LCPL	6212	
	0	1	SGT	6212	
	0	2	SSGT	6222	
	0	1	SSGT	6332	
<b>ACTIVITY TOTAL:</b>	<b>1</b>	<b>6</b>			
<b>MALS-14 (East VMA Augment), 09114</b>					
USMC	0	2	CPL	6062	6033 6043
	0	1	CPL	6072	
	0	1	CPL	6073	
	0	1	CPL	6092	
	0	1	CPL	6092	
	0	1	CPL	6092	
	0	2	CPL	6222	
	0	1	CPL	6412	
	0	2	CPL	6413	
	0	2	CPL	6467	
	0	2	CPL	6468	
	0	1	CPL	6482	
	0	1	CPL	6492	
	0	3	CPL	6541	
	0	1	CPL	6672	
	0	1	GYSGT	6092	
	0	1	GYSGT	6469	
	0	2	LCPL	0121	
	0	2	LCPL	6048	
	0	2	LCPL	6062	
	0	1	LCPL	6072	
	0	2	LCPL	6073	
	0	1	LCPL	6092	
	0	3	LCPL	6222	
	0	1	LCPL	6412	
	0	2	LCPL	6413	
	0	1	LCPL	6413	
	0	1	LCPL	6423	
	0	3	LCPL	6432	
	0	1	LCPL	6461	
	0	1	LCPL	6463	
	0	2	LCPL	6467	
	0	4	LCPL	6468	
	0	2	LCPL	6492	
	0	7	LCPL	6541	
	0	5	LCPL	6672	
	0	1	SGT	6092	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SGT	6432	
	0	1	SGT	6468	
	0	2	SGT	6541	
	0	1	SGT	6672	
	0	1	SSGT	6062	
	0	1	SSGT	6072	
	0	1	SSGT	6092	6043
	0	1	SSGT	6222	
	0	1	SSGT	6414	
	0	1	SSGT	6434	
<b>MALS-14 (East VMA Augment), 09114, FY02 Increment</b>					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	6422
	0	1	LCPL	6413	
<b>ACTIVITY TOTAL:</b>					
	0	82			
<b>MALS-14 (VMAT-203 Augment), 09114</b>					
USMC	0	1	CPL	6048	
	0	1	CPL	6073	
	0	2	CPL	6222	
	0	2	CPL	6413	
	0	1	CPL	6423	
	0	1	CPL	6432	
	0	3	CPL	6482	
	0	2	CPL	6492	
	0	2	CPL	6672	
	0	1	GYSGT	6222	
	0	1	GYSGT	6414	
	0	1	GYSGT	6434	
	0	1	GYSGT	6469	
	0	1	GYSGT	6486	
	0	1	GYSGT	6541	
	0	1	LCPL	6048	
	0	4	LCPL	6062	
	0	3	LCPL	6072	
	0	3	LCPL	6073	
	0	2	LCPL	6092	
	0	1	LCPL	6222	
	0	2	LCPL	6412	
	0	5	LCPL	6413	
	0	2	LCPL	6423	
	0	4	LCPL	6432	
	0	3	LCPL	6461	
	0	3	LCPL	6464	
	0	3	LCPL	6468	
0	1	LCPL	6541		

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	5	LCPL	6672	
	0	2	SGT	6048	
	0	1	SGT	6072	
	0	1	SGT	6073	
	0	1	SGT	6092	6033
	0	1	SGT	6092	6043
	0	1	SGT	6222	
	0	1	SGT	6432	
	0	1	SGT	6464	
	0	2	SGT	6468	
	0	1	SGT	6541	
	0	2	SGT	6672	
	0	4	SSGT	6434	
	0	2	SSGT	6541	
	<b>ACTIVITY TOTAL:</b>	0	83		
<b>MALS-14, Cherry Point, 09114</b>					
USMC	0	4	CPL	6222	
	0	1	CPL	6222	6023
	0	9	CPL	6541	
	0	1	GYSGT	6222	
	0	1	GYSGT	6222	6023
	0	4	GYSGT	6541	
	0	5	LCPL	6222	
	0	1	LCPL	6432	
	0	20	LCPL	6541	
	0	4	SGT	6222	
	0	1	SGT	6222	6023
	0	1	SGT	6432	
	0	7	SGT	6541	
	0	1	SSGT	6222	
	0	4	SSGT	6541	
<b>ACTIVITY TOTAL:</b>	0	64			
<b>MARCOR Assigned Allied/UN Commands, 00000</b>					
USMC	4	0	CAPT	7509	
	1	0	LTCOL	7509	
<b>ACTIVITY TOTAL:</b>	5	0			
<b>Marine Aviation Det, Patuxent River, 67356</b>					
USMC	0	1	SSGT	6222	
<b>ACTIVITY TOTAL:</b>	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>Marine Aviation Det, China Lake, 67852</b>					
USMC	1	0	CAPT	7509	9957
	1	0	LTCOL	7509	9958
	1	0	MAJ	7509	7577
	1	0	MAJ	7509	7595
	0	2	CPL	6252	
	0	1	CPL	6312	
	0	2	GYSGT	6212	
	0	1	GYSGT	6312	
	0	1	SGT	6282	
	0	2	SGT	6332	
	0	1	SSGT	6252	
	0	1	SSGT	6312	
<b>ACTIVITY TOTAL:</b>	<b>4</b>	<b>11</b>			
<b>MASD, Andrews, 65027</b>					
AR	0	1	SGT	6212	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>1</b>			
<b>MASD, Belle Chase, 67812</b>					
USMC	0	1	CPL	6312	
AR	0	1	SGT	6312	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>2</b>			
<b>MATSG-21, Pensacola, 67412</b>					
USMC	0	1	GYSGT	6252	
	0	2	GYSGT	6332	
	0	1	SGT	6212	
	0	1	SGT	6252	
	0	3	SGT	6312	
	0	1	SSGT	6212	
	0	1	SSGT	6222	
	0	3	SSGT	6252	
	0	1	SSGT	6282	
	0	3	SSGT	6312	
	0	2	SSGT	6332	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>19</b>			
<b>MC Personnel Dept of Navy Non-Dept, Arlington, 65045</b>					
USMC	1	0	CAPT	7509	7596
	1	0	MAJ	7509	7523
	0	1	CPL	6312	
	0	1	GYSGT	6222	

0 1 SSGT 6332

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY TOTAL:	2	3			
MCCDC, Quantico, 00264					
USMC	1	0	MAJ	7509	
ACTIVITY TOTAL:	1	0			
NAMTRAGRU MARCOR PERS, 39469					
USMC	0	1	GYSGT	6212	
ACTIVITY TOTAL:	0	1			
OSD and DOD Activities, Arlington, 41567					
USMC	1	0	CAPT	7509	
ACTIVITY TOTAL:	1	0			
SPL ASGN MC Navy Dept, Arlington, 31201					
USMC	1	0	CAPT	7509	9957
	4	0	LTCOL	7509	9958
	1	0	MAJ	7509	9958
	0	1	GYSGT	6222	9960
ACTIVITY TOTAL:	6	1			
Training and Education Command, Quantico, 65023					
USMC	1	0	MAJ	7509	
ACTIVITY TOTAL:	1	0			
EWTG PAC, San Diego, 63018					
USMC	1	0	MAJ	7509	
ACTIVITY TOTAL:	1	0			
Flag and Staff Allow PAC Fleet and NAVCENT, 00000					
USMC	1	0	CAPT	7509	6002
	0	1	GYSGT	6222	
ACTIVITY TOTAL:	1	1			
H&HS MCAS, Yuma, 62974					
USMC	0	1	GYSGT	6212	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>MALS-12, Iwakuni Japan, 09112</b>					
USMC	0	2	CPL	6222	
	0	2	LCPL	6222	
	0	1	SGT	6222	
<b>ACTIVITY TOTAL:</b>	<b>0</b>	<b>5</b>			
<b>MALS-13 (West VMA Augment), 55585</b>					
USMC	0	2	CPL	6062	
	0	1	CPL	6072	
	0	1	CPL	6073	
	0	1	CPL	6092	
	0	1	CPL	6092	6033
	0	1	CPL	6092	6043
	0	2	CPL	6222	
	0	1	CPL	6412	
	0	2	CPL	6413	
	0	2	CPL	6467	
	0	2	CPL	6468	
	0	1	CPL	6482	
	0	1	CPL	6492	
	0	3	CPL	6541	
	0	1	CPL	6672	
	0	1	GYSGT	6092	
	0	1	GYSGT	6469	
	0	2	LCPL	0121	
	0	2	LCPL	6048	
	0	2	LCPL	6062	
	0	1	LCPL	6072	
	0	2	LCPL	6073	
	0	1	LCPL	6092	
	0	3	LCPL	6222	
	0	1	LCPL	6412	
	0	2	LCPL	6413	
	0	1	LCPL	6413	6422
	0	1	LCPL	6423	
	0	3	LCPL	6432	
	0	1	LCPL	6461	
	0	1	LCPL	6463	
	0	2	LCPL	6467	
	0	4	LCPL	6468	
	0	2	LCPL	6492	
	0	7	LCPL	6541	
	0	5	LCPL	6672	
	0	1	SGT	6092	6033
	0	1	SGT	6432	
	0	1	SGT	6468	
	0	2	SGT	6541	

0 1 SGT 6672

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SSGT	6062	
	0	1	SSGT	6072	
	0	1	SSGT	6092	6043
	0	1	SSGT	6222	
	0	1	SSGT	6414	
	0	1	SSGT	6434	
<b>MALS-13 (West VMA Augment), 55585, FY02 Increment</b>					
USMC	0	1	CPL	6412	6422
	0	1	LCPL	6412	6422
	0	1	LCPL	6413	
<b>ACTIVITY TOTAL:</b>	0	82			
<b>MALS-13, Yuma, 55585</b>					
USMC	0	4	CPL	6222	
	0	2	CPL	6222	6023
	0	9	CPL	6541	
	0	1	GYSGT	6222	
	0	4	GYSGT	6541	
	0	5	LCPL	6222	
	0	20	LCPL	6541	
	0	4	SGT	6222	
	0	3	SGT	6222	6023
	0	7	SGT	6541	
	0	1	SSGT	6222	
	0	1	SSGT	6222	6023
	0	4	SSGT	6541	
	<b>ACTIVITY TOTAL:</b>	0	65		
<b>Marine Aviation Weapons and Tactics Squadron, Yuma, 55167</b>					
USMC	4	0	CAPT	7509	
	1	0	MAJ	7509	
	1	0	MAJ	7509	9958
<b>ACTIVITY TOTAL:</b>	6	0			
<b>MCAGCC, Twenty-nine Palms, 67399</b>					
USMC	1	0	LTCOL	7509	
<b>ACTIVITY TOTAL:</b>	1	0			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC OPERATIONAL ACTIVITIES - ACDU													
LT	2102	8		0		0		0		0		0	
HM1	8404		7	0	0	0	0	0	0	0	0	0	0
HM2	8404		7	0	0	0	0	0	0	0	0	0	0
HM2	8406		8	0	0	0	0	0	0	0	0	0	0
HM3	8404		2	0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - USMC													
CAPT	6002	1		0		0		0		0		0	
CAPT	6004	1		0		0		0		0		0	
CAPT	7509	70		0		0		0		0		0	
CWO2	0170	8		0		0		0		0		0	
CWO2	6004	7		0		0		0		0		0	
CWO2	6302	7		0		0		0		0		0	
CWO2	6502	7		0		0		0		0		0	
CWO3	6502	1		0		0		0		0		0	
CWO5	6302	1		0		0		0		0		0	
LT	6002	7		0		0		0		0		0	
LT	7509	63		0		0		0		0		0	
LTCOL	7509	15		0		0		0		0		0	
MAJ	7509	29		0		0		0		0		0	
CPL	0121		8	0	0	0	0	0	0	0	0	0	0
CPL	0151		9	0	0	0	0	0	0	0	0	0	0
CPL	0431		8	0	0	0	0	0	0	0	0	0	0
CPL	6042		7	0	0	0	0	0	0	0	0	0	0
CPL	6046		22	0	0	0	0	0	0	0	0	0	0
CPL	6048		15	0	0	0	0	0	0	0	0	0	0
CPL	6072		8	0	0	0	0	0	0	0	0	0	0
CPL	6212		81	0	0	0	0	0	0	0	0	0	0
CPL	6252		69	0	0	0	0	0	7	0	0	0	0
CPL	6282		28	0	0	0	0	0	0	0	0	0	0
CPL	6312		41	0	0	0	0	0	7	0	0	0	0
CPL	6332		46	0	0	0	0	0	0	0	0	0	0
CPL	6531		48	0	0	0	0	0	7	0	0	0	0
CPL	7041		3	0	0	0	0	0	0	0	0	0	0
GYSGT	0193		8	0	0	0	0	0	0	0	0	0	0
GYSGT	6046		7	0	0	0	0	0	0	0	0	0	0
GYSGT	6048		1	0	0	0	0	0	0	0	0	0	0
GYSGT	6212		24	0	0	0	0	0	0	0	0	0	0
GYSGT	6252		11	0	0	0	0	0	0	0	0	0	0
GYSGT	6252	9954	7	0	0	0	0	0	0	0	0	0	0
GYSGT	6282		7	0	0	0	0	0	0	0	0	0	0
GYSGT	6312		15	0	0	0	0	0	0	0	0	0	0
GYSGT	6332		8	0	0	0	0	0	0	0	0	0	0
GYSGT	6531		8	0	0	0	0	0	0	0	0	0	0
GYSGT	7041		1	0	0	0	0	0	0	0	0	0	0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
LCPL	0121		34	0	0	0	0	0	0	0	0	0	0
LCPL	0151		16	0	0	0	0	0	0	0	0	0	0
LCPL	2111		8	0	0	0	0	0	0	0	0	0	0
LCPL	0231		7	0	0	0	0	0	0	0	0	0	0
LCPL	0431		9	0	0	0	0	0	0	0	0	0	0
LCPL	5711		1	0	0	0	0	0	0	0	0	0	0
LCPL	6042		8	0	0	0	0	0	0	0	0	0	0
LCPL	6046		29	0	0	0	0	0	0	0	0	0	0
LCPL	6048		20	0	0	0	0	0	0	0	0	0	0
LCPL	6072		9	0	0	0	0	0	0	0	0	0	0
LCPL	6212		167	0	0	0	0	0	0	0	0	0	0
LCPL	6252		119	0	0	0	0	0	7	0	0	0	0
LCPL	6282		44	0	0	0	0	0	0	0	0	0	0
LCPL	6312		70	0	0	0	0	0	0	0	0	0	0
LCPL	6332		63	0	0	0	0	0	0	0	0	0	0
LCPL	6531		123	0	0	0	0	0	0	0	0	0	0
LCPL	7041		34	0	0	0	0	0	0	0	0	0	0
MGYSGT	6019		1	0	0	0	0	0	0	0	0	0	0
MGYSGT	6391		1	0	0	0	0	0	0	0	0	0	0
MSGT	6019		15	0	0	0	0	0	0	0	0	0	0
MSGT	6391		7	0	0	0	0	0	0	0	0	0	0
MSGT	6591		7	0	0	0	0	0	0	0	0	0	0
SGT	0121		8	0	0	0	0	0	0	0	0	0	0
SGT	6046		16	0	0	0	0	0	0	0	0	0	0
SGT	6048		17	0	0	0	0	0	0	0	0	0	0
SGT	6072		7	0	0	0	0	0	0	0	0	0	0
SGT	6212		61	0	0	0	0	0	0	0	0	0	0
SGT	6222		7	0	0	0	0	0	0	0	0	0	0
SGT	6252		49	0	0	0	0	0	0	0	0	0	0
SGT	6252	6034	2	0	0	0	0	0	0	0	0	0	0
SGT	6282		17	0	0	0	0	0	0	0	0	0	0
SGT	6312		27	0	0	0	0	0	0	0	0	0	0
SGT	6332		28	0	0	0	0	0	0	0	0	0	0
SGT	6531		35	0	0	0	0	0	0	0	0	0	0
SGT	7041		8	0	0	0	0	0	0	0	0	0	0
SGTMAJ	9999		8	0	0	0	0	0	0	0	0	0	0
SSGT	0231		7	0	0	0	0	0	0	0	0	0	0
SSGT	6046		9	0	0	0	0	0	0	0	0	0	0
SSGT	6048		8	0	0	0	0	0	0	0	0	0	0
SSGT	6212		45	0	0	0	0	0	0	0	0	0	0
SSGT	6252		28	0	0	0	0	0	0	0	0	0	0
SSGT	6252	9954	1	0	0	0	0	0	0	0	0	0	0
SSGT	6282		9	0	0	0	0	0	0	0	0	0	0
SSGT	6312		16	0	0	0	0	0	0	0	0	0	0
SSGT	6332		18	0	0	0	0	0	0	0	0	0	0
SSGT	6531		23	0	0	0	0	0	0	0	0	0	0
SSGT	7041		7	0	0	0	0	0	0	0	0	0	0
SSGT	8421		8	0	0	0	0	0	0	0	0	0	0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	8711		8		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC													
CAPT	7509		9		0		0		0		0		0
CAPT	7509	6002	2		0		0		0		0		0
CAPT	7509	7596	1		0		0		0		0		0
CAPT	7509	9957	3		0		0		0		0		0
LTCOL	7509		3		0		0		0		0		0
LTCOL	7509	9958	5		0		0		0		0		0
MAJ	7509		5		0		0		0		0		0
MAJ	7509	7523	2		0		0		0		0		0
MAJ	7509	7577	1		0		0		0		0		0
MAJ	7509	7595	1		0		0		0		0		0
MAJ	7509	9958	3		0		0		0		0		0
CPL	6048		1		0		0		0		0		0
CPL	6062		14		0		0		0		0		0
CPL	6072		7		0		0		0		0		0
CPL	6073		8		0		0		0		0		0
CPL	6092		7		0		0		0		0		0
CPL	6092	6033	7		0		0		0		0		0
CPL	6092	6043	7		0		0		0		0		0
CPL	6212		1		0		0		0		0		0
CPL	6222		26		0		0		0		0		0
CPL	6222	6023	3		0		0		0		0		0
CPL	6252		2		0		0		0		0		0
CPL	6312		3		0		0		0		0		0
CPL	6412		7		0		0		0		0		0
CPL	6412	6422	0		0		7		0		0		0
CPL	6413		16		0		0		0		0		0
CPL	6423		1		0		0		0		0		0
CPL	6432		1		0		0		0		0		0
CPL	6467		14		0		0		0		0		0
CPL	6468		14		0		0		0		0		0
CPL	6482		10		0		0		0		0		0
CPL	6492		9		0		0		0		0		0
CPL	6541		39		0		0		0		0		0
CPL	6672		9		0		0		0		0		0
GYSGT	6092		7		0		0		0		0		0
GYSGT	6212		4		0		0		0		0		0
GYSGT	6222		5		0		0		0		0		0
GYSGT	6222	6023	1		0		0		0		0		0
GYSGT	6222	9960	1		0		0		0		0		0
GYSGT	6252		2		0		0		0		0		0
GYSGT	6312		1		0		0		0		0		0
GYSGT	6332		4		0		0		0		0		0
GYSGT	6414		1		0		0		0		0		0
GYSGT	6434		1		0		0		0		0		0
GYSGT	6469		8		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GYSGT	6486		1		0		0		0		0		0
GYSGT	6541		9		0		0		0		0		0
LCPL	0121		14		0		0		0		0		0
LCPL	6048		15		0		0		0		0		0
LCPL	6062		18		0		0		0		0		0
LCPL	6072		10		0		0		0		0		0
LCPL	6073		17		0		0		0		0		0
LCPL	6092		9		0		0		0		0		0
LCPL	6212		1		0		0		0		0		0
LCPL	6222		34		0		0		0		0		0
LCPL	6412		9		0		0		0		0		0
LCPL	6412	6422	0		0		7		0		0		0
LCPL	6413		19		0		7		0		0		0
LCPL	6413	6422	7		0		0		0		0		0
LCPL	6423		9		0		0		0		0		0
LCPL	6432		26		0		0		0		0		0
LCPL	6461		10		0		0		0		0		0
LCPL	6463		7		0		0		0		0		0
LCPL	6464		3		0		0		0		0		0
LCPL	6467		14		0		0		0		0		0
LCPL	6468		31		0		0		0		0		0
LCPL	6492		14		0		0		0		0		0
LCPL	6541		90		0		0		0		0		0
LCPL	6672		40		0		0		0		0		0
SGT	6048		2		0		0		0		0		0
SGT	6072		1		0		0		0		0		0
SGT	6073		1		0		0		0		0		0
SGT	6092	6033	8		0		0		0		0		0
SGT	6092	6043	1		0		0		0		0		0
SGT	6212		2		0		0		0		0		0
SGT	6222		10		0		0		0		0		0
SGT	6222	6023	4		0		0		0		0		0
SGT	6252		1		0		0		0		0		0
SGT	6282		1		0		0		0		0		0
SGT	6312		3		0		0		0		0		0
SGT	6332		2		0		0		0		0		0
SGT	6432		9		0		0		0		0		0
SGT	6464		1		0		0		0		0		0
SGT	6468		9		0		0		0		0		0
SGT	6541		29		0		0		0		0		0
SGT	6672		9		0		0		0		0		0
SSGT	6062		7		0		0		0		0		0
SSGT	6072		7		0		0		0		0		0
SSGT	6092	6043	7		0		0		0		0		0
SSGT	6212		1		0		0		0		0		0
SSGT	6222		13		0		0		0		0		0
SSGT	6222	6023	1		0		0		0		0		0
SSGT	6252		4		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	6282		2	0	0	0	0	0	0	0	0	0	0
SSGT	6312		4	0	0	0	0	0	0	0	0	0	0
SSGT	6332		4	0	0	0	0	0	0	0	0	0	0
SSGT	6414		7	0	0	0	0	0	0	0	0	0	0
SSGT	6434		11	0	0	0	0	0	0	0	0	0	0
SSGT	6541		10	0	0	0	0	0	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - AR													
SGT	6212		1	0	0	0	0	0	0	0	0	0	0
SGT	6312		1	0	0	0	0	0	0	0	0	0	0

**SUMMARY TOTALS:**

USMC OPERATIONAL ACTIVITIES - ACDU													
		8	24	0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - USMC													
		217	1759	0	0	0	0	0	0	0	28	0	0
USMC FLEET SUPPORT ACTIVITIES - USMC													
		35	819	0	0	0	21	0	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - AR													
			2	0	0	0	0	0	0	0	0	0	0

**GRAND TOTALS:**

USMC - ACDU													
		8	24	0	0	0	0	0	0	0	0	0	0
USMC - USMC													
		252	2578	0	0	0	21	0	0	0	28	0	0
USMC - AR													
			2	0	0	0	0	0	0	0	0	0	0

**II.A.2.b. BILLETTS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
OPERATIONAL ACTIVITIES - USMC					
VMA Squadrons, 00000, FY03 Increment USMC	0	1	MSGT	6019	
VMA Squadrons, 00000, FY04 Increment USMC	0	1	LCPL	6312	
	0	1	LCPL	6531	
<b>ACTIVITY TOTAL:</b>	0	3			
VMA Squadrons, 00000, FY03 Increment USMC	0	1	MSGT	6019	
VMA Squadrons, 00000, FY04 Increment USMC	0	1	LCPL	6312	
	0	1	LCPL	6531	
<b>ACTIVITY TOTAL:</b>	0	3			
FLEET SUPPORT ACTIVITIES - USMC					
MALS-14 (East VMA Augment), 09114, FY02 Increment USMC	0	1	CPL	6412	
	0	1	LCPL	6412	
	0	1	LCPL	6413	6422
<b>ACTIVITY TOTAL:</b>	0	3			
MALS-13 (West VMA Augment), 55585, FY02 Increment USMC	0	1	CPL	6412	
	0	1	LCPL	6412	
	0	1	LCPL	6413	6422
	0	1	SGT	6432	
<b>ACTIVITY TOTAL:</b>	0	4			

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC OPERATIONAL ACTIVITIES - USMC													
LCPL	6312		56	0		0		0		-7		0	
LCPL	6531		112	0		0		0		-7		0	
MSGT	6019		14	0		0		-7		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
CPL	6412		7	0		-7		0		0		0	
LCPL	6412		7	0		-7		0		0		0	
LCPL	6413 6422		7	0		-7		0		0		0	
SGT	6432		4	0		-4		0		0		0	
<b>SUMMARY TOTALS:</b>													
USMC OPERATIONAL ACTIVITIES - USMC													
			182	0		0		-7		-14		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
			25	0		-25		0		0		0	
<b>GRAND TOTALS:</b>													
USMC - USMC													
			207	0		-25		-7		-14		0	

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: NAMTRA MARUNIT, MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

ACDU

AD1	8318	0	0	0	0	0	1	0	1	0	1	0	1
AE1	8319	0	0	0	0	0	1	0	1	0	1	0	1
AMHC	8318	0	0	0	0	0	1	0	1	0	1	0	1
MMC	4283	0	0	0	0	0	1	0	1	0	1	0	1
MM1	4201	0	0	0	0	0	1	0	1	0	1	0	1
MM2	4293	0	0	0	0	0	1	0	1	0	1	0	1

USMC

GYSGT	6074	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6226	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6242	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6286	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6332	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6336	0	0	0	0	0	1	0	1	0	1	0	1
SGT	6074	0	0	0	0	0	5	0	5	0	5	0	5
SGT	6216	0	0	0	0	0	4	0	4	0	4	0	4
SGT	6256	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6336	0	0	0	0	0	1	0	1	0	1	0	1
SGT	6316	0	0	0	0	2	0	2	0	2	0	2	0
SSGT	6074	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6216	0	0	0	0	0	2	0	2	0	2	0	2
SSGT	6226	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6242	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6256	0	0	0	0	0	2	0	2	0	2	0	2
SSGT	6286	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6316	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6336	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6414	0	0	0	0	0	2	0	2	0	2	0	2

**SUPPORT BILLETS**

USMC

CPL	0151	0	0	0	0	0	2	0	2	0	2	0	2
CPL	4066	0	0	0	0	0	2	0	2	0	2	0	2
CPL	6042	0	0	0	0	0	1	0	1	0	1	0	1
CPL	6046	0	0	0	0	0	2	0	2	0	2	0	2
CPL	6672	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	0193	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6212	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6216	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6222	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6332	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6414	0	0	0	0	0	1	0	1	0	1	0	1

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GYSGT	6541	0	0	0	0	0	1	0	1	0	1	0	1
LCPL	0121	0	0	0	0	0	6	0	6	0	6	0	6
LCPL	0151	0	0	0	0	0	1	0	1	0	1	0	1
LCPL	4066	0	0	0	0	0	1	0	1	0	1	0	1
LCPL	6042	0	0	0	0	0	1	0	1	0	1	0	1
LCPL	6046	0	0	0	0	0	1	0	1	0	1	0	1
LCPL	6672	0	0	0	0	0	1	0	1	0	1	0	1
MAJ	6002	0	0	0	0	2	0	2	0	2	0	2	0
MSGT	6019	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6046	0	0	0	0	0	1	0	1	0	1	0	1
SGT	6216	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6541	0	0	0	0	0	1	0	1	0	1	0	1
SGT	7041	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6226	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6252	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6316	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6672	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	8421	0	0	0	0	0	1	0	1	0	1	0	1
<b>TOTAL:</b>		0	0	0	0	4	74	4	74	4	74	4	74

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC

GYSGT	6212	0	0	0	0	0	2	0	2	0	2	0	2
GYSGT	6222	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6252	0	0	0	0	0	2	0	2	0	2	0	2
GYSGT	6332	0	0	0	0	0	1	0	1	0	1	0	1
GYSGT	6531	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6212	0	0	0	0	0	8	0	8	0	8	0	8
SGT	6222	0	0	0	0	0	3	0	3	0	3	0	3
SGT	6252	0	0	0	0	0	4	0	4	0	4	0	4
SGT	6282	0	0	0	0	0	1	0	1	0	1	0	1
SGT	6312	0	0	0	0	0	6	0	6	0	6	0	6
SGT	6531	0	0	0	0	0	6	0	6	0	6	0	6
SSGT	6282	0	0	0	0	0	1	0	1	0	1	0	1
SSGT	6312	0	0	0	0	0	2	0	2	0	2	0	2
SSGT	6332	0	0	0	0	0	5	0	5	0	5	0	5
SSGT	6531	0	0	0	0	0	1	0	1	0	1	0	1

**SUPPORT BILLETS**

USMC

CAPT	6004	0	0	0	0	1	0	1	0	1	0	1	0
CAPT	6302	0	0	0	0	1	0	1	0	1	0	1	0
GYSGT	6332	0	0	0	0	0	1	0	1	0	1	0	1
MSGT	6019	0	0	0	0	0	2	0	2	0	2	0	2
MSGT	6591	0	0	0	0	0	1	0	1	0	1	0	1

<b>TOTAL:</b>		0	0	0	0	2	49	2	49	2	49	2	49
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**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

**TRAINING ACTIVITY, LOCATION, UIC:** NAMTRA MARUNIT MTU 3001, MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC													
GYSGT	6414	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6412	0	0	0	0	0	5	0	5	0	5	0	5
SGT	6413	0	0	0	0	0	4	0	4	0	4	0	4
SGT	6432	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6468	0	0	0	0	0	2	0	2	0	2	0	2
SGT	6483	0	0	0	0	0	4	0	4	0	4	0	4
SSGT	6414	0	0	0	0	0	2	0	2	0	2	0	2
SSGT	6434	0	0	0	0	0	3	0	3	0	3	0	3
SSGT	6482	0	0	0	0	0	3	0	3	0	3	0	3
<b>TOTAL:</b>		0	0	0	0	0	27	0	27	0	27	0	27

**TRAINING ACTIVITY, LOCATION, UIC:** NAMTRA MARUNIT MTU 4034, MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC													
GYSGT	6541	0	0	0	0	0	1	0	1	0	1	0	1
SGT	6541	0	0	0	0	0	15	0	15	0	15	0	15
SSGT	6541	0	0	0	0	0	2	0	2	0	2	0	2
<b>TOTAL:</b>		0	0	0	0	0	18	0	18	0	18	0	18

**TRAINING ACTIVITY, LOCATION, UIC:** VMAT-203 FRS, MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC													
CAPT	7509	22	0	22	0	22	0	22	0	22	0	22	0
MAJ	7509	11	0	11	0	11	0	11	0	11	0	11	0
<b>TOTAL:</b>		33	0	33	0	33	0	33	0	33	0	33	0

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC

GYSGT	6074	0	1	0	1	0	0	0	0	0	0	0	0
GYSGT	6212	0	2	0	2	0	0	0	0	0	0	0	0
GYSGT	6252	0	2	0	2	0	0	0	0	0	0	0	0
GYSGT	6332	0	1	0	1	0	0	0	0	0	0	0	0
GYSGT	6531	0	2	0	2	0	0	0	0	0	0	0	0
SGT	6074	0	5	0	5	0	0	0	0	0	0	0	0
SGT	6212	0	8	0	8	0	0	0	0	0	0	0	0
SGT	6252	0	4	0	4	0	0	0	0	0	0	0	0
SGT	6282	0	1	0	1	0	0	0	0	0	0	0	0
SGT	6312	0	6	0	6	0	0	0	0	0	0	0	0
SGT	6483	0	4	0	4	0	0	0	0	0	0	0	0
SGT	6531	0	6	0	6	0	0	0	0	0	0	0	0
SSGT	6074	0	1	0	1	0	0	0	0	0	0	0	0
SSGT	6282	0	1	0	1	0	0	0	0	0	0	0	0
SSGT	6312	0	2	0	2	0	0	0	0	0	0	0	0
SSGT	6332	0	5	0	5	0	0	0	0	0	0	0	0
SSGT	6531	0	1	0	1	0	0	0	0	0	0	0	0

**SUPPORT BILLETS**

USMC

CAPT	6004	1	0	1	0	0	0	0	0	0	0	0	0
CAPT	6502	1	0	1	0	0	0	0	0	0	0	0	0
CPL	0151	0	1	0	1	0	0	0	0	0	0	0	0
CPL	4066	0	1	0	1	0	0	0	0	0	0	0	0
CPL	6042	0	1	0	1	0	0	0	0	0	0	0	0
CPL	6046	0	2	0	2	0	0	0	0	0	0	0	0
CPL	7041	0	1	0	1	0	0	0	0	0	0	0	0
CWO5	6302	1	0	1	0	0	0	0	0	0	0	0	0
GYSGT	0193	0	1	0	1	0	0	0	0	0	0	0	0
GYSGT	6212	0	2	0	2	0	0	0	0	0	0	0	0
GYSGT	6222	0	1	0	1	0	0	0	0	0	0	0	0
GYSGT	6332	0	2	0	2	0	0	0	0	0	0	0	0
GYSGT	6414	0	1	0	1	0	0	0	0	0	0	0	0
GYSGT	6541	0	1	0	1	0	0	0	0	0	0	0	0
LCPL	0121	0	7	0	7	0	0	0	0	0	0	0	0
LCPL	0151	0	1	0	1	0	0	0	0	0	0	0	0
LCPL	4066	0	1	0	1	0	0	0	0	0	0	0	0
LCPL	6042	0	1	0	1	0	0	0	0	0	0	0	0
LCPL	6672	0	1	0	1	0	0	0	0	0	0	0	0
MSGT	6019	0	1	0	1	0	0	0	0	0	0	0	0
MSGT	6591	0	1	0	1	0	0	0	0	0	0	0	0
SSGT	6252	0	1	0	1	0	0	0	0	0	0	0	0

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	6672	0	1	0	1	0	0	0	0	0	0	0	0
<b>TOTAL:</b>		3	81	3	81	0	0	0	0	0	0	0	0

**TRAINING ACTIVITY, LOCATION, UIC:** VMAT-203 MTU 3001 (FREST), MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC													
GYSGT	6222	0	1	0	1	0	0	0	0	0	0	0	0
GYSGT	6414	0	2	0	2	0	0	0	0	0	0	0	0
SGT	6222	0	3	0	3	0	0	0	0	0	0	0	0
SGT	6412	0	5	0	5	0	0	0	0	0	0	0	0
SGT	6413	0	4	0	4	0	0	0	0	0	0	0	0
SGT	6432	0	2	0	2	0	0	0	0	0	0	0	0
SGT	6468	0	2	0	2	0	0	0	0	0	0	0	0
SSGT	6414	0	2	0	2	0	0	0	0	0	0	0	0
SSGT	6434	0	3	0	3	0	0	0	0	0	0	0	0
SSGT	6486	0	3	0	3	0	0	0	0	0	0	0	0
<b>TOTAL:</b>		0	27	0	27	0	0	0	0	0	0	0	0

**TRAINING ACTIVITY, LOCATION, UIC:** VMAT-203 MTU 4034 (FREST), MCAS Cherry Point, North Carolina, 45483

**INSTRUCTOR BILLETS**

USMC													
GYSGT	6541	0	1	0	1	0	0	0	0	0	0	0	0
SGT	6541	0	19	0	19	0	0	0	0	0	0	0	0
SSGT	6541	0	2	0	2	0	0	0	0	0	0	0	0
<b>TOTAL:</b>		0	22	0	22	0	0	0	0	0	0	0	0

**II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS**

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY01		FY02		FY03		FY04		FY05	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483	USMC		0.0	0.0		81.0		81.4		83.2		81.6	
NAMTRA MARUNIT MTU 3001, MCAS Cherry Point, North Carolina, 45483	USMC		0.0	0.0		5.9		5.9		5.9		5.9	
NAMTRA MARUNIT MTU 4034, MCAS Cherry Point, North Carolina, 45483	USMC		0.0	0.0		10.8		10.6		10.6		10.6	
VMAT-203 FRS, MCAS Cherry Point, North Carolina, 45483	USMC	20.0		20.0		20.0		20.0		20.0		20.0	
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483	USMC		80.7	81.0		0.0		0.0		0.0		0.0	
VMAT-203 MTU 3001 (FREST), MCAS Cherry Point, North Carolina, 45483	USMC		6.0	6.0		0.0		0.0		0.0		0.0	
VMAT-203 MTU 4034 (FREST), MCAS Cherry Point, North Carolina, 45483	USMC		10.8	10.8		0.0		0.0		0.0		0.0	
<b>SUMMARY TOTALS:</b>													
	USMC	20.0	97.5	20.0	97.8	20.0	97.7	20.0	97.9	20.0	99.7	20.0	98.1
<b>GRAND TOTALS:</b>													
		20.0	97.5	20.0	97.8	20.0	97.7	20.0	97.9	20.0	99.7	20.0	98.1

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM	FY05 +/- CUM
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**a. OFFICER - USN**

Operational Billets ACDU and TAR

LT	2102		8	0	8	0	8	0	8	0	8	0	8
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**TOTAL USN OFFICER BILLETS:**

Operational			8	0	8	0	8	0	8	0	8	0	8
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**b. ENLISTED - USN**

Operational Billets ACDU and TAR

HM1	8404		7	0	7	0	7	0	7	0	7	0	7
HM2	8404		7	0	7	0	7	0	7	0	7	0	7
HM2	8406		8	0	8	0	8	0	8	0	8	0	8
HM3	8404		2	0	2	0	2	0	2	0	2	0	2

Staff Billets ACDU and TAR

AD1	8318		0	0	0	1	1	0	1	0	1	0	1
AE1	8319		0	0	0	1	1	0	1	0	1	0	1
AMHC	8318		0	0	0	1	1	0	1	0	1	0	1
MMC	4283		0	0	0	1	1	0	1	0	1	0	1
MM1	4201		0	0	0	1	1	0	1	0	1	0	1
MM2	4293		0	0	0	1	1	0	1	0	1	0	1

**TOTAL USN ENLISTED BILLETS:**

Operational			24	0	24	0	24	0	24	0	24	0	24
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Staff			0	0	0	6	6	0	6	0	6	0	6
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**c. OFFICER - USMC**

Operational Billets USMC and AR

CAPT	6002		1	0	1	0	1	0	1	0	1	0	1
CAPT	6004		1	0	1	0	1	0	1	0	1	0	1
CAPT	7509		70	0	70	0	70	0	70	0	70	0	70
CWO2	0170		8	0	8	0	8	0	8	0	8	0	8
CWO2	6004		7	0	7	0	7	0	7	0	7	0	7
CWO2	6302		7	0	7	0	7	0	7	0	7	0	7
CWO2	6502		7	0	7	0	7	0	7	0	7	0	7
CWO3	6502		1	0	1	0	1	0	1	0	1	0	1
CWO5	6302		1	0	1	0	1	0	1	0	1	0	1
LT	6002		7	0	7	0	7	0	7	0	7	0	7
LT	7509		63	0	63	0	63	0	63	0	63	0	63

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
LTCOL	7509		15	0	15	0	15	0	15	0	15	0	15
MAJ	7509		29	0	29	0	29	0	29	0	29	0	29
Fleet Support Billets USMC and AR													
CAPT	7509		9	0	9	0	9	0	9	0	9	0	9
CAPT	7509	6002	2	0	2	0	2	0	2	0	2	0	2
CAPT	7509	7596	1	0	1	0	1	0	1	0	1	0	1
CAPT	7509	9957	3	0	3	0	3	0	3	0	3	0	3
LTCOL	7509		3	0	3	0	3	0	3	0	3	0	3
LTCOL	7509	9958	5	0	5	0	5	0	5	0	5	0	5
MAJ	7509		5	0	5	0	5	0	5	0	5	0	5
MAJ	7509	7523	2	0	2	0	2	0	2	0	2	0	2
MAJ	7509	7577	1	0	1	0	1	0	1	0	1	0	1
MAJ	7509	7595	1	0	1	0	1	0	1	0	1	0	1
MAJ	7509	9958	3	0	3	0	3	0	3	0	3	0	3
Staff Billets USMC and AR													
CAPT	6004		1	0	1	0	1	0	1	0	1	0	1
CAPT	6302		0	0	0	1	1	0	1	0	1	0	1
CAPT	6502		1	0	1	-1	0	0	0	0	0	0	0
CAPT	7509		22	0	22	0	22	0	22	0	22	0	22
CWO5	6302		1	0	1	-1	0	0	0	0	0	0	0
MAJ	6002		0	0	0	2	2	0	2	0	2	0	2
MAJ	7509		11	0	11	0	11	0	11	0	11	0	11
SGT	6316		0	0	0	2	2	0	2	0	2	0	2
Chargeable Student Billets USMC and AR													
			20	0	20	0	20	0	20	0	20	0	20
<b>TOTAL USMC OFFICER BILLETS:</b>													
Operational			217	0	217	0	217	0	217	0	217	0	217
Fleet Support			35	0	35	0	35	0	35	0	35	0	35
Staff			36	0	36	3	39	0	39	0	39	0	39
Chargeable Student			20	0	20	0	20	0	20	0	20	0	20
<b>d. ENLISTED - USMC</b>													
Operational Billets USMC and AR													
CPL	0121		8	0	8	0	8	0	8	0	8	0	8
CPL	0151		9	0	9	0	9	0	9	0	9	0	9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
CPL	0431		8	0	8	0	8	0	8	0	8	0	8
CPL	6042		7	0	7	0	7	0	7	0	7	0	7
CPL	6046		22	0	22	0	22	0	22	0	22	0	22
CPL	6048		15	0	15	0	15	0	15	0	15	0	15
CPL	6072		8	0	8	0	8	0	8	0	8	0	8
CPL	6212		81	0	81	0	81	0	81	0	81	0	81
CPL	6252		69	0	69	0	69	0	69	7	76	0	76
CPL	6282		28	0	28	0	28	0	28	0	28	0	28
CPL	6312		41	0	41	0	41	0	41	7	48	0	48
CPL	6332		46	0	46	0	46	0	46	0	46	0	46
CPL	6531		48	0	48	0	48	0	48	7	55	0	55
CPL	7041		3	0	3	0	3	0	3	0	3	0	3
GYSGT	0193		8	0	8	0	8	0	8	0	8	0	8
GYSGT	6046		7	0	7	0	7	0	7	0	7	0	7
GYSGT	6048		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6212		24	0	24	0	24	0	24	0	24	0	24
GYSGT	6252		11	0	11	0	11	0	11	0	11	0	11
GYSGT	6252	9954	7	0	7	0	7	0	7	0	7	0	7
GYSGT	6282		7	0	7	0	7	0	7	0	7	0	7
GYSGT	6312		15	0	15	0	15	0	15	0	15	0	15
GYSGT	6332		8	0	8	0	8	0	8	0	8	0	8
GYSGT	6531		8	0	8	0	8	0	8	0	8	0	8
GYSGT	7041		1	0	1	0	1	0	1	0	1	0	1
LCPL	0121		34	0	34	0	34	0	34	0	34	0	34
LCPL	0151		16	0	16	0	16	0	16	0	16	0	16
LCPL	2111		8	0	8	0	8	0	8	0	8	0	8
LCPL	0231		7	0	7	0	7	0	7	0	7	0	7
LCPL	0431		9	0	9	0	9	0	9	0	9	0	9
LCPL	5711		1	0	1	0	1	0	1	0	1	0	1
LCPL	6042		8	0	8	0	8	0	8	0	8	0	8
LCPL	6046		29	0	29	0	29	0	29	0	29	0	29
LCPL	6048		20	0	20	0	20	0	20	0	20	0	20
LCPL	6072		9	0	9	0	9	0	9	0	9	0	9
LCPL	6212		167	0	167	0	167	0	167	0	167	0	167
LCPL	6252		119	0	119	0	119	0	119	7	126	0	126
LCPL	6282		44	0	44	0	44	0	44	0	44	0	44
LCPL	6312		70	0	70	0	70	0	70	-7	63	0	63
LCPL	6332		63	0	63	0	63	0	63	0	63	0	63
LCPL	6531		123	0	123	0	123	0	123	-7	116	0	116
LCPL	7041		34	0	34	0	34	0	34	0	34	0	34
MGYSGT	6019		1	0	1	0	1	0	1	0	1	0	1
MGYSGT	6391		1	0	1	0	1	0	1	0	1	0	1
MSGT	6019		15	0	15	0	15	-7	8	0	8	0	8
MSGT	6391		7	0	7	0	7	0	7	0	7	0	7
MSGT	6591		7	0	7	0	7	0	7	0	7	0	7
SGT	0121		8	0	8	0	8	0	8	0	8	0	8
SGT	6046		16	0	16	0	16	0	16	0	16	0	16
SGT	6048		17	0	17	0	17	0	17	0	17	0	17

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SGT	6072		7	0	7	0	7	0	7	0	7	0	7
SGT	6212		61	0	61	0	61	0	61	0	61	0	61
SGT	6222		7	0	7	0	7	0	7	0	7	0	7
SGT	6252		49	0	49	0	49	0	49	0	49	0	49
SGT	6252	6034	2	0	2	0	2	0	2	0	2	0	2
SGT	6282		17	0	17	0	17	0	17	0	17	0	17
SGT	6312		27	0	27	0	27	0	27	0	27	0	27
SGT	6332		28	0	28	0	28	0	28	0	28	0	28
SGT	6531		35	0	35	0	35	0	35	0	35	0	35
SGT	7041		8	0	8	0	8	0	8	0	8	0	8
SGTMAJ	9999		8	0	8	0	8	0	8	0	8	0	8
SSGT	0231		7	0	7	0	7	0	7	0	7	0	7
SSGT	6046		9	0	9	0	9	0	9	0	9	0	9
SSGT	6048		8	0	8	0	8	0	8	0	8	0	8
SSGT	6212		45	0	45	0	45	0	45	0	45	0	45
SSGT	6252		28	0	28	0	28	0	28	0	28	0	28
SSGT	6252	9954	1	0	1	0	1	0	1	0	1	0	1
SSGT	6282		9	0	9	0	9	0	9	0	9	0	9
SSGT	6312		16	0	16	0	16	0	16	0	16	0	16
SSGT	6332		18	0	18	0	18	0	18	0	18	0	18
SSGT	6531		23	0	23	0	23	0	23	0	23	0	23
SSGT	7041		7	0	7	0	7	0	7	0	7	0	7
SSGT	8421		8	0	8	0	8	0	8	0	8	0	8
SSGT	8711		8	0	8	0	8	0	8	0	8	0	8
Fleet Support Billets USMC and AR													
CPL	6048		1	0	1	0	1	0	1	0	1	0	1
CPL	6062		14	0	14	0	14	0	14	0	14	0	14
CPL	6072		7	0	7	0	7	0	7	0	7	0	7
CPL	6073		8	0	8	0	8	0	8	0	8	0	8
CPL	6092		7	0	7	0	7	0	7	0	7	0	7
CPL	6092	6033	7	0	7	0	7	0	7	0	7	0	7
CPL	6092	6043	7	0	7	0	7	0	7	0	7	0	7
CPL	6212		1	0	1	0	1	0	1	0	1	0	1
CPL	6222		26	0	26	0	26	0	26	0	26	0	26
CPL	6222	6023	3	0	3	0	3	0	3	0	3	0	3
CPL	6252		2	0	2	0	2	0	2	0	2	0	2
CPL	6312		3	0	3	0	3	0	3	0	3	0	3
CPL	6412		7	0	7	-7	0	0	0	0	0	0	0
CPL	6412	6422	0	0	0	7	7	0	7	0	7	0	7
CPL	6413		16	0	16	0	16	0	16	0	16	0	16
CPL	6423		1	0	1	0	1	0	1	0	1	0	1
CPL	6432		1	0	1	0	1	0	1	0	1	0	1
CPL	6467		14	0	14	0	14	0	14	0	14	0	14
CPL	6468		14	0	14	0	14	0	14	0	14	0	14
CPL	6482		10	0	10	0	10	0	10	0	10	0	10
CPL	6492		9	0	9	0	9	0	9	0	9	0	9
CPL	6541		39	0	39	0	39	0	39	0	39	0	39

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
CPL	6672		9	0	9	0	9	0	9	0	9	0	9
GYSGT	6092		7	0	7	0	7	0	7	0	7	0	7
GYSGT	6212		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6222		5	0	5	0	5	0	5	0	5	0	5
GYSGT	6222	6023	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6222	9960	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6252		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6312		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6332		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6414		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6434		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6469		8	0	8	0	8	0	8	0	8	0	8
GYSGT	6486		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6541		9	0	9	0	9	0	9	0	9	0	9
LCPL	0121		14	0	14	0	14	0	14	0	14	0	14
LCPL	6048		15	0	15	0	15	0	15	0	15	0	15
LCPL	6062		18	0	18	0	18	0	18	0	18	0	18
LCPL	6072		10	0	10	0	10	0	10	0	10	0	10
LCPL	6073		17	0	17	0	17	0	17	0	17	0	17
LCPL	6092		9	0	9	0	9	0	9	0	9	0	9
LCPL	6212		1	0	1	0	1	0	1	0	1	0	1
LCPL	6222		34	0	34	0	34	0	34	0	34	0	34
LCPL	6412		9	0	9	-7	2	0	2	0	2	0	2
LCPL	6412	6422	0	0	0	7	7	0	7	0	7	0	7
LCPL	6413		19	0	19	7	26	0	26	0	26	0	26
LCPL	6413	6422	7	0	7	-7	0	0	0	0	0	0	0
LCPL	6423		9	0	9	0	9	0	9	0	9	0	9
LCPL	6432		26	0	26	0	26	0	26	0	26	0	26
LCPL	6461		10	0	10	0	10	0	10	0	10	0	10
LCPL	6463		7	0	7	0	7	0	7	0	7	0	7
LCPL	6464		3	0	3	0	3	0	3	0	3	0	3
LCPL	6467		14	0	14	0	14	0	14	0	14	0	14
LCPL	6468		31	0	31	0	31	0	31	0	31	0	31
LCPL	6492		14	0	14	0	14	0	14	0	14	0	14
LCPL	6541		90	0	90	0	90	0	90	0	90	0	90
LCPL	6672		40	0	40	0	40	0	40	0	40	0	40
SGT	6048		2	0	2	0	2	0	2	0	2	0	2
SGT	6072		1	0	1	0	1	0	1	0	1	0	1
SGT	6073		1	0	1	0	1	0	1	0	1	0	1
SGT	6092	6033	8	0	8	0	8	0	8	0	8	0	8
SGT	6092	6043	1	0	1	0	1	0	1	0	1	0	1
SGT	6212		3	0	3	0	3	0	3	0	3	0	3
SGT	6222		10	0	10	0	10	0	10	0	10	0	10
SGT	6222	6023	4	0	4	0	4	0	4	0	4	0	4
SGT	6252		1	0	1	0	1	0	1	0	1	0	1
SGT	6282		1	0	1	0	1	0	1	0	1	0	1
SGT	6312		4	0	4	0	4	0	4	0	4	0	4
SGT	6332		2	0	2	0	2	0	2	0	2	0	2

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SGT	6432		9	0	9	-4	5	0	5	0	5	0	5
SGT	6464		1	0	1	0	1	0	1	0	1	0	1
SGT	6468		9	0	9	0	9	0	9	0	9	0	9
SGT	6541		29	0	29	0	29	0	29	0	29	0	29
SGT	6672		9	0	9	0	9	0	9	0	9	0	9
SSGT	6062		7	0	7	0	7	0	7	0	7	0	7
SSGT	6072		7	0	7	0	7	0	7	0	7	0	7
SSGT	6092	6043	7	0	7	0	7	0	7	0	7	0	7
SSGT	6212		1	0	1	0	1	0	1	0	1	0	1
SSGT	6222		13	0	13	0	13	0	13	0	13	0	13
SSGT	6222	6023	1	0	1	0	1	0	1	0	1	0	1
SSGT	6252		4	0	4	0	4	0	4	0	4	0	4
SSGT	6282		2	0	2	0	2	0	2	0	2	0	2
SSGT	6312		4	0	4	0	4	0	4	0	4	0	4
SSGT	6332		4	0	4	0	4	0	4	0	4	0	4
SSGT	6414		7	0	7	0	7	0	7	0	7	0	7
SSGT	6434		11	0	11	0	11	0	11	0	11	0	11
SSGT	6541		10	0	10	0	10	0	10	0	10	0	10
Staff Billets USMC and AR													
CPL	0151		1	0	1	1	2	0	2	0	2	0	2
CPL	4066		1	0	1	1	2	0	2	0	2	0	2
CPL	6042		1	0	1	0	1	0	1	0	1	0	1
CPL	6046		2	0	2	0	2	0	2	0	2	0	2
CPL	6672		0	0	0	1	1	0	1	0	1	0	1
CPL	7041		1	0	1	-1	0	0	0	0	0	0	0
GYSGT	0193		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6074		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6212		4	0	4	-1	3	0	3	0	3	0	3
GYSGT	6216		0	0	0	1	1	0	1	0	1	0	1
GYSGT	6222		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6226		0	0	0	1	1	0	1	0	1	0	1
GYSGT	6242		0	0	0	1	1	0	1	0	1	0	1
GYSGT	6252		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6286		0	0	0	1	1	0	1	0	1	0	1
GYSGT	6332		3	0	3	1	4	0	4	0	4	0	4
GYSGT	6336		0	0	0	1	1	0	1	0	1	0	1
GYSGT	6414		3	0	3	0	3	0	3	0	3	0	3
GYSGT	6531		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6541		2	0	2	0	2	0	2	0	2	0	2
LCPL	0121		7	0	7	-1	6	0	6	0	6	0	6
LCPL	0151		1	0	1	0	1	0	1	0	1	0	1
LCPL	4066		1	0	1	0	1	0	1	0	1	0	1
LCPL	6042		1	0	1	0	1	0	1	0	1	0	1
LCPL	6046		0	0	0	1	1	0	1	0	1	0	1
LCPL	6672		1	0	1	0	1	0	1	0	1	0	1
MSGT	6019		1	0	1	3	4	0	4	0	4	0	4
MSGT	6591		1	0	1	0	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SGT	6046		0	0	0	1	1	0	1	0	1	0	1
SGT	6074		5	0	5	0	5	0	5	0	5	0	5
SGT	6212		8	0	8	0	8	0	8	0	8	0	8
SGT	6216		0	0	0	6	6	0	6	0	6	0	6
SGT	6222		3	0	3	0	3	0	3	0	3	0	3
SGT	6252		4	0	4	0	4	0	4	0	4	0	4
SGT	6256		0	0	0	2	2	0	2	0	2	0	2
SGT	6282		1	0	1	0	1	0	1	0	1	0	1
SGT	6312		6	0	6	0	6	0	6	0	6	0	6
SGT	6336		0	0	0	1	1	0	1	0	1	0	1
SGT	6412		5	0	5	0	5	0	5	0	5	0	5
SGT	6413		4	0	4	0	4	0	4	0	4	0	4
SGT	6432		2	0	2	0	2	0	2	0	2	0	2
SGT	6468		2	0	2	0	2	0	2	0	2	0	2
SGT	6483		4	0	4	0	4	0	4	0	4	0	4
SGT	6531		6	0	6	0	6	0	6	0	6	0	6
SGT	6541		19	0	19	-3	16	0	16	0	16	0	16
SGT	7041		0	0	0	1	1	0	1	0	1	0	1
SSGT	6074		1	0	1	0	1	0	1	0	1	0	1
SSGT	6216		0	0	0	2	2	0	2	0	2	0	2
SSGT	6226		0	0	0	2	2	0	2	0	2	0	2
SSGT	6242		0	0	0	1	1	0	1	0	1	0	1
SSGT	6252		1	0	1	0	1	0	1	0	1	0	1
SSGT	6256		0	0	0	2	2	0	2	0	2	0	2
SSGT	6282		1	0	1	0	1	0	1	0	1	0	1
SSGT	6286		0	0	0	1	1	0	1	0	1	0	1
SSGT	6312		2	0	2	0	2	0	2	0	2	0	2
SSGT	6316		0	0	0	2	2	0	2	0	2	0	2
SSGT	6332		5	0	5	0	5	0	5	0	5	0	5
SSGT	6336		0	0	0	1	1	0	1	0	1	0	1
SSGT	6414		2	0	2	2	4	0	4	0	4	0	4
SSGT	6434		3	0	3	0	3	0	3	0	3	0	3
SSGT	6482		0	0	0	3	3	0	3	0	3	0	3
SSGT	6486		3	0	3	-3	0	0	0	0	0	0	0
SSGT	6531		1	0	1	0	1	0	1	0	1	0	1
SSGT	6541		2	0	2	0	2	0	2	0	2	0	2
SSGT	6672		1	0	1	0	1	0	1	0	1	0	1
SSGT	8421		0	0	0	1	1	0	1	0	1	0	1

Chargeable Student Billets USMC and AR  
 98      0    98      0    98      0    98      2    100      -2    98

**TOTAL USMC ENLISTED BILLETS:**

Operational                      1759      0    1759      0    1759      -7    1752      14    1766      0    1766

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY01		FY02		FY03		FY04		FY05	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
Fleet Support			821	0	821	-4	817	0	817	0	817	0	817
Staff			130	0	130	32	162	0	162	0	162	0	162
Chargeable Student			98	0	98	0	98	0	98	2	100	-2	98

**II.B. PERSONNEL REQUIREMENTS**

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** NA1, AV-8B Fleet Replacement Pilot Category 1 and 2 Pipeline

**COURSE LENGTH:** 33.6 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.67

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VMAT-203 FRS, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC	26		26		26		26		26	
		TOTAL:	26		26		26		26		26	

**CIN, COURSE TITLE:** NA2, AV-8B Instructor Under Training Pilot Training

**COURSE LENGTH:** 6.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VMAT-203 FRS, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC	9		9		9		9		9	
		TOTAL:	9		9		9		9		9	

**CIN, COURSE TITLE:** NA3, AV-8B Fleet Replacement Pilot Category 3 Pipeline

**COURSE LENGTH:** 6.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
VMAT-203 FRS, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC	17		17		17		17		17	
		TOTAL:	17		17		17		17		17	

**CIN, COURSE TITLE:** NA4, AV-8B Fleet Replacement Pilot Category 4 Pipeline

**COURSE LENGTH:** 4.0 Weeks

**ATTRITION FACTOR:**USMC: 0%

**BACKOUT FACTOR:** 0.08

<b>TRAINING</b>	<b>ACDU/TAR</b>	<b>CFY01</b>	<b>FY02</b>	<b>FY03</b>	<b>FY04</b>	<b>FY05</b>
<b>ACTIVITY</b>	<b>SOURCE</b>	<b>SELRES</b>	<b>OFF ENL</b>	<b>OFF ENL</b>	<b>OFF ENL</b>	<b>OFF ENL</b>
VMAT-203 FRS, MCAS Cherry Point, North Carolina, 45483						
	USMC	USMC	6	6	6	6
		TOTAL:	6	6	6	6

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-102-0122, AV-8B CNI/ECM System Organizational Maintenance

**COURSE LENGTH:** 15.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.30

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		47		47		47		47
		AR		0		0		0		0		0
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		47		0		0		0		0
		AR		0		0		0		0		0
		TOTAL:		47		47		47		47		47

**CIN, COURSE TITLE:** M-601-0113, AV-8B Powerplants and Related Systems Organizational Maintenance

**COURSE LENGTH:** 10.6 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		100		100		100		100
		AR		0		0		0		0		0
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		100		0		0		0		0
		AR		0		0		0		0		0
		TOTAL:		100		100		100		100		100

**CIN, COURSE TITLE:** M-602-0153, AV-8B Electrical System Organizational Maintenance

**COURSE LENGTH:** 13.8 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.28

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		46		46		46		46
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		46		0		0		0		0
		TOTAL:		46		46		46		46		46

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-602-0163, AV-8B Environmental/Escape System Organizational Maintenance

**COURSE LENGTH:** 6.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.13

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		28		28		28		28
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		28		0		0		0		0
		TOTAL:		28		28		28		28		28

**CIN, COURSE TITLE:** M-602-0175, Aircraft Airframe Mechanic AV-8B

**COURSE LENGTH:** 10.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.21

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		74		76		85		77
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		74		0		0		0		0
		TOTAL:		74		74		76		85		77

**CIN, COURSE TITLE:** M-646-0143, AV-8B Armament Organizational Systems Maintenance

**COURSE LENGTH:** 8.2 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		62		62		62		62
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		62		0		0		0		0
		TOTAL:		62		62		62		62		62

**CIN, COURSE TITLE:** M-102-6412, Aircraft Communications Equipment Intermediate Maintenance

**COURSE LENGTH:** 12.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.24

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 3001, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		5		5		5		5
VMAT-203 MTU 3001 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		5		0		0		0		0

TOTAL:                    5                    5                    5                    5                    5

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance

**COURSE LENGTH:** 9.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 3001, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		12		12		12		12
VMAT-203 MTU 3001 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		12		0		0		0		0
		TOTAL:		12		12		12		12		12

**CIN, COURSE TITLE:** M-198-8010, AV-8 Model Aircraft AN/USM-604 Electrical Equipment Test Set (EETS) Intermediate Maintenance

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 3001, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		14		14		14		14
VMAT-203 MTU 3001 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		14		0		0		0		0
		TOTAL:		14		14		14		14		14

**CIN, COURSE TITLE:** M-601-3029, F-402 Engine First Degree Intermediate Maintenance

**COURSE LENGTH:** 16.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.33

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 1006, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		25		25		25		25
VMAT-203 MTU 1006 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		25		0		0		0		0
		TOTAL:		25		25		25		25		25

**CIN, COURSE TITLE:** M-602-6432, Fixed Wing Aircraft Elect/Inst/AFCS/ADC Equipment Intermediate Maintenance

**COURSE LENGTH:** 4.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 3001, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		9		9		9		9
VMAT-203 MTU 3001 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		10		0		0		0		0
		TOTAL:		10		9		9		9		9

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-646-7026, Aircraft Ordnance Tech, IMA

**COURSE LENGTH:** 11.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY01		FY02		FY03		FY04		FY05	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT MTU 4034, MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		0		50		49		49		49
VMAT-203 MTU 4034 (FREST), MCAS Cherry Point, North Carolina, 45483												
	USMC	USMC		50		0		0		0		0
		TOTAL:		50		50		49		49		49

## PART III - TRAINING REQUIREMENTS

The following elements are not affected by the T/AV-8B Harrier II Weapon System and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

**Note:** Training Tracks M-102-6412, M-102-6413, M-602-6432, M-646-0143, and M-646-7026 depict training requirement throughputs for personnel in direct support of AV-8B.

**III.A.2. FOLLOW-ON TRAINING**

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA1, AV-8B Fleet Replacement Pilot Category 1 & 2 Pipeline  
**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
26		26		26		26		26		ATIR
26		26		26		26		26		Output
16.7		16.7		16.7		16.7		16.7		AOB
16.7		16.7		16.7		16.7		16.7		Chargeable

**CIN, COURSE TITLE:** NA2, AV-8B Instructor Under Training Pilot Training  
**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
9		9		9		9		9		ATIR
9		9		9		9		9		Output
1.0		1.0		1.0		1.0		1.0		AOB
1.0		1.0		1.0		1.0		1.0		Chargeable

**CIN, COURSE TITLE:** NA3, AV-8B Fleet Replacement Pilot Category 3 Pipeline  
**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
17		17		17		17		17		ATIR
17		17		17		17		17		Output
1.9		1.9		1.9		1.9		1.9		AOB
1.9		1.9		1.9		1.9		1.9		Chargeable

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA4, AV-8B Fleet Replacement Pilot Category 4 Pipeline  
**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
6		6		6		6		6		ATIR
6		6		6		6		6		Output
0.4		0.4		0.4		0.4		0.4		AOB
0.4		0.4		0.4		0.4		0.4		Chargeable

**CIN, COURSE TITLE:** M-102-0122, AV-8B CNI/ECM System Organizational Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		47		47		47		47	ATIR
	0		47		47		47		47	Output
	0.0		13.5		13.5		13.5		13.5	AOB
	0.0		13.5		13.5		13.5		13.5	Chargeable

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	47		0		0		0		0	ATIR
	47		0		0		0		0	Output
	13.5		0.0		0.0		0.0		0.0	AOB
	13.5		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-601-0113, AV-8B Powerplants and Related Systems Organizational Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		100		100		100		100	ATIR
	0		100		100		100		100	Output
	0.0		20.0		20.0		20.0		20.0	AOB
	0.0		20.0		20.0		20.0		20.0	Chargeable

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	100		0		0		0		0	ATIR
	100		0		0		0		0	Output
	20.0		0.0		0.0		0.0		0.0	AOB
	20.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-602-0153, AV-8B Electrical System Organizational Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		46		46		46		46	ATIR
	0		46		46		46		46	Output
	0.0		12.0		12.0		12.0		12.0	AOB
	0.0		12.0		12.0		12.0		12.0	Chargeable

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	46		0		0		0		0	ATIR
	46		0		0		0		0	Output
	12.0		0.0		0.0		0.0		0.0	AOB
	12.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-602-0163, AV-8B Environmental/Escape System Organizational Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		28		28		28		28	ATIR
	0		28		28		28		28	Output
	0.0		3.4		3.4		3.4		3.4	AOB
	0.0		3.4		3.4		3.4		3.4	Chargeable

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	28		0		0		0		0	ATIR
	28		0		0		0		0	Output
	3.4		0.0		0.0		0.0		0.0	AOB
	3.4		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-602-0175, Aircraft Airframe Mechanic AV-8B  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		74		76		85		77	ATIR
	0		74		76		85		77	Output
	0.0		14.6		15.0		16.8		15.2	AOB
	0.0		14.6		15.0		16.8		15.2	Chargeable

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	74		0		0		0		0	ATIR
	74		0		0		0		0	Output
	14.6		0.0		0.0		0.0		0.0	AOB
	14.6		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-646-0143, AV-8B Armament Organizational Systems Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		62		62		62		62	ATIR
	0		62		62		62		62	Output
	0.0		9.7		9.7		9.7		9.7	AOB
	0.0		9.7		9.7		9.7		9.7	Chargeable

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	62		0		0		0		0	ATIR
	62		0		0		0		0	Output
	9.7		0.0		0.0		0.0		0.0	AOB
	9.7		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-102-6412, Aircraft Communications Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 3001  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		5		5		5		5	ATIR
	0		5		5		5		5	Output
	0.0		1.1		1.1		1.1		1.1	AOB
	0.0		1.1		1.1		1.1		1.1	Chargeable

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		0		0		0		0	ATIR
	5		0		0		0		0	Output
	1.1		0.0		0.0		0.0		0.0	AOB
	1.1		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 3001  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		12		12		12		12	ATIR
	0		12		12		12		12	Output
	0.0		2.1		2.1		2.1		2.1	AOB
	0.0		2.1		2.1		2.1		2.1	Chargeable

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	12		0		0		0		0	ATIR
	12		0		0		0		0	Output
	2.1		0.0		0.0		0.0		0.0	AOB
	2.1		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-198-8010, AV-8 Model Aircraft AN/USM-604 Electrical Equipment Test Set (EETS) Intermediate Maintenance

**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 3001  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		14		14		14		14	ATIR
	0		14		14		14		14	Output
	0.0		2.1		2.1		2.1		2.1	AOB
	0.0		2.1		2.1		2.1		2.1	Chargeable

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	14		0		0		0		0	ATIR
	14		0		0		0		0	Output
	2.1		0.0		0.0		0.0		0.0	AOB
	2.1		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-601-3029, F-402 Engine First Degree Intermediate Maintenance

**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 1006  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		25		25		25		25	ATIR
	0		25		25		25		25	Output
	0.0		7.8		7.8		7.8		7.8	AOB
	0.0		7.8		7.8		7.8		7.8	Chargeable

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	25		0		0		0		0	ATIR
	25		0		0		0		0	Output
	7.8		0.0		0.0		0.0		0.0	AOB
	7.8		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-602-6432, Fixed Wing Aircraft Elect/Inst/AFCS/ADC Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 3001  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		9		9		9		9	ATIR
	0		9		9		9		9	Output
	0.0		0.6		0.6		0.6		0.6	AOB
	0.0		0.6		0.6		0.6		0.6	Chargeable

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST)  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	10		0		0		0		0	ATIR
	10		0		0		0		0	Output
	0.7		0.0		0.0		0.0		0.0	AOB
	0.7		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-646-7026, Aircraft Ordnance Tech, IMA  
**TRAINING ACTIVITY:** NAMTRA MARUNIT MTU 4034  
**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		50		49		49		49	ATIR
	0		50		49		49		49	Output
	0.0		10.8		10.6		10.6		10.6	AOB
	0.0		10.8		10.6		10.6		10.6	Chargeable

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** VMAT-203 MTU 4034 (FREST)

**LOCATION, UIC:** MCAS Cherry Point, North Carolina, 45483

**SOURCE:** USMC                    **STUDENT CATEGORY:** USMC - AR

CFY01		FY02		FY03		FY04		FY05		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	50		0		0		0		0	ATIR
	50		0		0		0		0	Output
	10.8		0.0		0.0		0.0		0.0	AOB
	10.8		0.0		0.0		0.0		0.0	Chargeable

## **PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

The following elements are not affected by the T/AV-8B Harrier II Weapon System and, therefore, are not included in Part IV of this NTSP:

### IV.B. Courseware Requirements

#### IV.B.1. Training Services

### IV.C. Facility Requirements

#### IV.C.1. Facility Requirements Summary (Space/Support) by Activity

#### IV.C.2. Facility Requirements Detailed by Activity and Course

#### IV.C.3. Facility Project Summary by Program

**PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

**IV.A. TRAINING HARDWARE**

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**CIN, COURSE TITLE:** C-602-4891, AV-8B Aircraft Wiring and Connector Repair/Assembly Organizational Maintenance Course  
(Track M-102-0122)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>GPTE</b>					
1084	Test Set, TRD, 1502-03-04	2	Sep 96	GFE	Onboard
1085	Multimeter, 77BN	3	Sep 96	GFE	Onboard
<b>ST</b>					
1086	Maintenance Kit, Elect Equip, MIL-K-81786AAS	2	Sep 96	GFE	Onboard
1087	Repair Kit, Connector, DCM733	5	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-102-9895, AV-8B Aircraft COM/NAV/IDENT/ECM Weapons System Specialist Organizational Maintenance Course (Track M-102-0122)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>GPTE</b>					
206	Multimeter, 77BN	2	Sep 96	GFE	Onboard
264	Test Bench Assembly, 8693	1	Sep 96	GFE	Onboard
265	Test Set, Electronic Equip AN/USM-406C(V), 3082520G1	1	Sep 96	GFE	Onboard
266	Antenna Coupler, Interconnecting, 1986	1	Sep 96	GFE	Onboard
267	Test Set, Guided Missile System, 1328AS1100	1	Sep 96	GFE	Onboard
268	Memory Loader Verifier Set (MLV), 3359AS1000	1	Sep 96	GFE	Onboard
269	AV-8B Interconnecting Group, 3359AS850	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**CIN, COURSE TITLE:** C-600-9889, AV-8B Aircraft Mechanic Organizational Maintenance Course (Track M-601-0113)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>GPTE</b>					
258	Test Set, Pressure, Fuel, 75D460001-1001	1	Sep 96	GFE	Onboard
259	Test Rig, Blow Off, S3S14374000	1	Sep 96	GFE	Onboard
260	Stopwatch, 542.801	1	Sep 96	GFE	Onboard
<b>ST</b>					
261	Adapter Assembly, Ground, 01GA000-1	1	Sep 96	GFE	Onboard
262	Rigging Set-Pin, Mech, 75D140000-1001	1	Sep 96	GFE	Onboard
263	Key, Defueling, 75D460000-1001	1	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9887, AV-8B Aircraft Electrical Systems Technician Organizational Maintenance Course (Track M-602-0153)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>GPTE</b>					
199	Shunt Plug, 2-100304	1	Sep 96	GFE	Onboard
200	Test Set, Indicator, 75D570002-1001	1	Sep 96	GFE	Onboard
201	Test Set, Pressure A, 18910480003	1	Sep 96	GFE	Onboard
202	Charger, Battery, 605/9/13516	1	Sep 96	GFE	Onboard
203	Battery, 605/1/00573	2	Sep 96	GFE	Onboard
204	Unit, Data Retrieval, 612/1/44120/002	1	Sep 96	GFE	Onboard
205	Unit, Hand Held, 612/1/46231/002	1	Sep 96	GFE	Onboard
206	Multimeter, 77BN	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**CIN, COURSE TITLE:** C-602-4891, AV-8B Aircraft Wiring and Connector Repair/Assembly Organizational Maintenance Course  
(Track M-602-0153)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
1084	Test Set, TRD, 1502-03-04	2	Sep 96	GFE	Onboard
1085	Multimeter, 77BN	3	Sep 96	GFE	Onboard
<b>ST</b>					
1086	Maintenance Kit, Elect Equip, MIL-K-81786AAS	2	Sep 96	GFE	Onboard
1087	Repair Kit, Connector, DCM733	5	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9888, AV-8B Aircraft Safety Equipment Mechanic Organizational Maintenance Course  
(Track M-602-0163)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
234	AV-8B Ejection Seat, 14020-109	1	Sep 96	GFE	Onboard
<b>GPTE</b>					
112	Multimeter, 77BN	1	Sep 96	GFE	Onboard
232	Control, Assembly, 472P950E057-5	1	Sep 96	GFE	Onboard
233	Leak Detector, Ultra, 4818A	1	Sep 96	GFE	Onboard
235	Test Set, Environment, 75D410001-1003	1	Sep 96	GFE	Onboard
236	Test Set, Pneumatic, 75D410003-1001	1	Sep 96	GFE	Onboard
237	Test Set, Pressure Temperature, 18910010000	1	Sep 96	GFE	Onboard
253	Lifting Sling, Eject, 472P950E055-1	1	Sep 96	GFE	Onboard
254	Protector, Flr C/Pit, 75D110112-1001	1	Sep 96	GFE	Onboard
255	Sling, Multiple, 75D110034-1003	1	Sep 96	GFE	Onboard
<b>ST</b>					
238	Initiation, Redesigned, 1723AS103	3	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

239	Pin Assembly, Safety, 472P950D053-1	1	Sep 96	GFE	Onboard
240	Pin, Ground Safety, 472P950D056-17	2	Sep 96	GFE	Onboard
241	Tool Assembly, SK3584	1	Sep 96	GFE	Onboard
242	Pin, Aircraft Ground, 75D110031-1003	1	Sep 96	GFE	Onboard
243	Fixture, Maintenance, 75D120001-1001	1	Sep 96	GFE	Onboard
244	Adapter Set, Onboard Oxy, 75D470000-1003	1	Sep 96	GFE	Onboard
245	Adapter Set, Pitot, ADA8B-612	1	Sep 96	GFE	Onboard
246	Tester, Spring Resil, 106-0100-002	1	Sep 96	GFE	Onboard
247	Gauge, Push-Pull, DPPH100	1	Sep 96	GFE	Onboard
248	Fixture, Seat Maintenance, 1694AS100-1	2	Sep 96	GFE	Onboard
249	Wrench, Torque, CH150	2	Sep 96	GFE	Onboard
250	Adapter, Torque Wrench, 111T900C240-11	1	Sep 96	GFE	Onboard
251	Adapter, Torque Wrench, 111T900C240-9	1	Sep 96	GFE	Onboard
252	Rigging Set, Canopy, 75D120006-1001	1	Sep 96	GFE	Onboard
256	Tester, Pressure Cabin, 89405	1	Sep 96	GFE	Onboard
257	Test Set, OBOGS, 3300148-6102	1	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-603-9890, AV-8B Airframes Organizational Maintenance Course (Track M-602-0175)  
**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>GPTE</b>					
260	Stopwatch, 542.801	1	Sep 96	GFE	Onboard
270	Test Set, Pressure, 7961900	1	Sep 96	GFE	Onboard
271	Tension Meter, Dial In, T5-2004-113-00	1	Sep 96	GFE	Onboard
272	Pin, Rigging, 1046312201	1	Sep 96	GFE	Onboard
273	Kit, Optical Micrometer, 966A1	2	Sep 96	GFE	Onboard
274	Set, Adapter Fuel Injection, 75D460005-1003	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

275	Leak Detector, Ultrasonic, 4918A	1	Sep 96	GFE	Onboard
276	Test Set, RCS Pressure, 75D140010-1001	1	Sep 96	GFE	Onboard
<b>ST</b>					
245	Adapter Set, Pitot, ADA8B-612	1	Sep 96	GFE	Onboard
262	Rigging Set-Pin, Mech, 75D140000-1001	1	Sep 96	GFE	Onboard
277	Kit Hydraulic, Tube Repair, D12323-1-3456	1	Sep 96	GFE	Onboard
278	Gauge, Push-Pull, DPP-10	1	Sep 96	GFE	Onboard
279	Plug, Shunt, 2-100304	1	Sep 96	GFE	Onboard
280	Pump Unit, Hydraulic, 1969AS100-1	1	Sep 96	GFE	Onboard
281	Wrench, Torque 0-30, A-A-2411	1	Sep 96	GFE	Onboard
282	Wrench, Torque 0-75, A-A-2411	1	Sep 96	GFE	Onboard
283	Wrench, Torque, A-A-1274	3	Sep 96	GFE	Onboard
284	Tester, Spring Resil. L30	1	Sep 96	GFE	Onboard
285	Tester, Spring Resil, DPPH100	1	Sep 96	GFE	Onboard
286	Wrench, Torque 0-120, A-A-1274	1	Sep 96	GFE	Onboard
287	Wrench, Torque 0-200, A-A-1274	1	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-646-9888, AV-8B Aircraft Ordnance Technician Organizational Maintenance Course  
(Track M-646-0143)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
207	Adapter, Launcher, 564AS100-1	1	Sep 96	GFE	Onboard
208	Launcher, Guided Missile, Aircraft, 58A164H891	1	Sep 96	GFE	Onboard
209	Pak Assembly, 25MM Gun, 1395AS102	1	Sep 96	GFE	Onboard
210	Subsystem, 25MM Gun, 1395AS101	1	Sep 96	GFE	Onboard
211	Launcher, Guided Missile, 3455AS100	1	Sep 96	GFE	Onboard
<b>GPTE</b>					
206	Multimeter, 77BN	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

212	Adapter, Test W-2, 178AS300	1	Sep 96	GFE	Onboard
213	Test Set, Control System, 160D998560-1	1	Sep 96	GFE	Onboard
214	Adapter, Test W-3, 178AS1320	1	Sep 96	GFE	Onboard
215	Adapter Assembly, Test, 178AS520	1	Sep 96	GFE	Onboard
216	Test Set, Dispenser, TS2614ALM70	1	Sep 96	GFE	Onboard
217	Test Set, Fuse, 207AS100	1	Sep 96	GFE	Onboard
218	Test Set AN/AWM-464, 1058AS1400	1	Sep 96	GFE	Onboard
219	Test Set, Guided Missile, 1328AS100	1	Sep 96	GFE	Onboard
220	Indicator, Rate of Flow, 61A91D100	1	Sep 96	GFE	Onboard
221	Batteries, Storage, 178AS200	1	Sep 96	GFE	Onboard
222	Changer, Battery, 178AS1700	1	Sep 96	GFE	Onboard
223	Test Set, Gun System, 1395AS1548	1	Sep 96	GFE	Onboard
224	Tester, Wrap Around, 5SE01648	1	Sep 96	GFE	Onboard
228	Cradle, 25MM Gun System, 75D750012-1001	2	Sep 96	GFE	Onboard
229	A/S 32-ID SATS Loader, Weapons, 1378AS100-1	1	Sep 96	GFE	Onboard
230	Platform, Weapons Skid MHU-125/E, 1330AS100-1	2	Sep 96	GFE	Onboard
<b>ST</b>					
225	Tester, Spring Resiliency, Model-30-M	1	Sep 96	GFE	Onboard
226	Gage, Protrusion, MD31623-208	2	Sep 96	GFE	Onboard
227	Wrench, Spanner, STL1883	2	Sep 96	GFE	Onboard
231	Pin Removal Tool, 1470AS925-1	2	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-646-3893, AV-8B Conventional Weapons Loading Organizational Maintenance Course  
(Track M-646-0143)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
1103	Pak Assembly, 25MM Gun, 75A732506-1005	1	Sep 96	GFE	Onboard
308	Gun System, 25MM A/C, 1395AS101	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

1104	AV-8B	1	Sep 96	GFE	Onboard
<b>GPTE</b>					
1105	Test Set, AN/AWM-92, 1328AS1100	1	Sep 96	GFE	Onboard
1106	Test Bench, Assembly, 8693	1	Sep 96	GFE	Onboard
1107	Adapter, MX8455, F/AN/ALM-70A TS, MX8455ALM70A	2	Sep 96	GFE	Onboard
1108	Test Set, Dispenser, AN/ALM-225, 3100404-001-103	1	Sep 96	GFE	Onboard
1109	Firing Circuit, Test, 178AAS100	1	Sep 96	GFE	Onboard
1110	Adapter, Test, 178AS300	1	Sep 96	GFE	Onboard
1111	Adapter, Test, 178AS1320	1	Sep 96	GFE	Onboard
1112	Adapter, Test, 178AS520	1	Sep 96	GFE	Onboard
1113	Adapter, Test, 178AS535	1	Sep 96	GFE	Onboard
1114	Adapter, Test, 178AS870	1	Sep 96	GFE	Onboard
1115	Batteries, BB-705/U, F/AN/AWM-54 TS, 178AS200	6	Sep 96	GFE	Onboard
1116	Charger, Battery, PP-6681A/AWM, F/BB-705/U, 178AS1700	1	Sep 96	GFE	Onboard
1117	Test Set, Gen Pulse, 1466AS1700	1	Sep 96	GFE	Onboard
1118	Multimeter, Digital, 77BN	1	Sep 96	GFE	Onboard
1119	Test Set, AN/AWM-42, 207AS100	1	Sep 96	GFE	Onboard
1120	Test Set, AN/AWM-464, M1058AS100	1	Sep 96	GFE	Onboard
1121	Indicator, Rate of Flow, 61A91D101	1	Sep 96	GFE	Onboard
1122	Tester, GUI MSL, IR Flashlight, 2605087	1	Sep 96	GFE	Onboard
1135	Hoisting Unit, HLU-288, 1353AS100-1	1	Sep 96	GFE	Onboard
1136	Conveyor, Loader Unit, 25MM Gun, 1395AS911	1	Sep 96	GFE	Onboard
1137	Loader, Tray, 25MM Gun, 1395AS941	1	Sep 96	GFE	Onboard
1138	Loader, Bag Ammo, 25MM Gun, 1395AS930	1	Sep 96	GFE	Onboard
1139	Fixture, Insert Stand, 25MM Gun, 1395AS691	1	Sep 96	GFE	Onboard
1140	Trolley Adapter, Multi Stores, HLK-218, 616188-1L	1	Sep 96	GFE	Onboard
1141	Trolley Adapter, Multi Stores, HLK-217, 616188-1R	1	Sep 96	GFE	Onboard
1142	Adapter, Hoisting, Inboard/Intermediate Pylon, 1470AS940-1	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

1143	Adapter, Hoisting, Inboard/Intermediate Pylon, 1470AS940-2	1	Sep 96	GFE	Onboard
1144	Adapter, Outboard, Trolley, 75D750018-1001	2	Sep 96	GFE	Onboard
1145	Adapter, Trolley, Maverick Missile, 75D750009-1001	2	Sep 96	GFE	Onboard
1146	Adapter, Trolley, ADU-491/E, 6SE00907-1	1	Sep 96	GFE	Onboard
1147	Band, Hoisting, HLK-275, 65A101H48-1	1	Sep 96	GFE	Onboard
1148	Band, Hoisting, HLK-276, 65A101H47-1	1	Sep 96	GFE	Onboard
1149	Band, Hoisting, HLK-277, 65A101D1-1	1	Sep 96	GFE	Onboard
1150	Latch Assembly, HLK-278, 65A101D3-1	2	Sep 96	GFE	Onboard
1151	Fitting Assembly, Anchor, HLK-279, 534AS100-1	2	Sep 96	GFE	Onboard
1152	Adapter, Hoist, O/B Pylon, 75D750004-1001	1	Sep 96	GFE	Onboard
1153	Adapter, Trolley, Single Stores, 74D750004-1001	2	Sep 96	GFE	Onboard
1154	Cradle, 25MM Gun System, 75D750012-1001	2	Sep 96	GFE	Onboard
1155	A/S32K-1D, SATS Loader, Weapons, 1378AS100-1	2	Sep 96	GFE	Onboard
1156	Adapter, Hoist, Bomb, 5822079	2	Sep 96	GFE	Onboard
1157	Puller, Mech-Pin, F/Gun and Ammo, TLU-473/E, 1470AS925-1	2	Sep 96	GFE	Onboard
1158	Module, Dispenser, D27ALE29A	2	Sep 96	GFE	Onboard
1159	MHU-61/E Cradle, Sidewinder, 3508AS300-1	1	Sep 96	GFE	Onboard
1160	MHU-63/E Cradle, Universal Small, 2560340	7	Sep 96	GFE	Onboard
1161	MHU-65/E Cradle, Universal Large, 2560341	2	Sep 96	GFE	Onboard
1162	MHU-125/E Skid, Platform, Weapons, 550AS100	2	Sep 96	GFE	Onboard
1163	Adapter AERO-74A, Skid Trailer, 67A311J2-1	1	Sep 96	GFE	Onboard
1164	Adapter, Fork Ext, MHU-188/E, 147AS100-1	4	Sep 96	GFE	Onboard
1165	LAU-117/A(V)2/A Launcher, Guided Missile, 3384400-120	1	Sep 96	GFE	Onboard
1166	I-Ter, Rack, Bomb Ejector, 1348AS500	2	Sep 96	GFE	Onboard
1167	Adapter, Front, AERO-58, 64A114D16-1	2	Sep 96	GFE	Onboard
1168	Adapter, Rear, AERO-58, 64A114D17-1	2	Sep 96	GFE	Onboard
1169	Bracket Assembly, 803 Practice Bomb Kit, 71125-1	12	Sep 96	GFE	Onboard
1170	Adapter, Rack Assembly, 803 Practice Bomb Kit, 292AS403	6	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

1171	Trailer, Lift, Bomb, 75D750005-1001	1	Sep 96	GFE	Onboard
1172	Maintenance, Platform Set, Aircraft, 75D110074-1001	1	Sep 96	GFE	Onboard
1173	Pin, Ground Safety, ALE-39 System, MDE32435-301	1	Sep 96	GFE	Onboard
1174	Clevis Assembly, HLU-288, 1353AS106-1	1	Sep 96	GFE	Onboard
471	Bar, Hoisting, Bomb HLU-286/E, 1171AS100-1	4	Sep 96	GFE	Onboard

**ST**

1123	Adapter, Gun Feed, 1395AS695	1	Sep 96	GFE	Onboard
1124	Detector, Projectile, Tape Measure, 1395AS1529	1	Sep 96	GFE	Onboard
1125	Tool, Firing Lever, Gun Safing, 1732AS480	1	Sep 96	GFE	Onboard
1126	Pin, Quick Release, 58A164D798	23	Sep 96	GFE	Onboard
1127	Wrench Set, Socket 10MM, 1732AS400	1	Sep 96	GFE	Onboard
1128	Gauge, Sway Brace, GMU-74, 5SE01025.1	1	Sep 96	GFE	Onboard
1129	Tool, Detent Lift, F/LAU-10, 1569993	1	Sep 96	GFE	Onboard
1130	Extractor, Chaff Sleeve, F/ALE-29	1	Sep 96	GFE	Onboard
1131	Fixture, 25MM Gun, Firing Pin Removal, 1395AS1527	1	Sep 96	GFE	
1132	Wrench, Spanner, GGG-W-665	1	Sep 96	GFE	Onboard
1133	Extension, 1/2"DR, A-A-2170	2	Sep 96	GFE	Onboard
1134	Handcrank, Loader, 11698215	2	Sep 96	GFE	Onboard
1175	LAU-10D/A, 1340-H142	1	Sep 96	GFE	Onboard
1176	LAU-61D/A, 1340-H152	1	Sep 96	GFE	Onboard
1177	Motor, Rocket, MK71, MOD 1, 5.00", 1340-J273	4	Sep 96	GFE	Onboard
1178	Motor, Rocket, MK66, 2.75" Inert, 1340-H308	26	Sep 96	GFE	Onboard
1179	Warhead, WTU-1/B, 2.75" Practice, 1340-H663	26	Sep 96	GFE	Onboard
1180	Warhead, MK32 MODS, 5" Practice Inert, 1340-H886	4	Sep 96	GFE	Onboard
1181	Fuse, Rocket 5.00", MK188 MOD 0, Nose, 1340-J345	4	Sep 96	GFE	Onboard
1182	Dispenser, Flare, SUU-25F/A, 1370-L111	1	Sep 96	GFE	Onboard
1183	Cartridge, Impulse, CCU-44/B F/SUU-25, 1377-MD66	22	Sep 96	GFE	Onboard
1184	Flare Kit, F/SUU-25, 7027657-10	4	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

1185	Shear Pin, F/SUU-25, 67B29054	8	Sep 96	GFE	Onboard
1186	Flare, Aircraft, LUU-2B(D-1)/B, Dummy, 1370-L431	8	Sep 96	GFE	Onboard
1187	Cartridge, Impulse, CCU-41/B, F/Chaff, 1377-MF60	15	Sep 96	GFE	Onboard
1188	Cartridge, Impulse, CCU-61/A F/Flare, 1377-MF29	15	Sep 96	GFE	Onboard
1189	Flare, Decoy, MK 46, F/ALE-29, DL1109AS100	15	Sep 96	GFE	Onboard
1190	Chaff, EMC, R-129A/A F/ALE-29, RR129AL	15	Sep 96	GFE	Onboard
1191	GUI MSL, SDWNDR, TRNG, CATM-9M-2, W/W&F, 1410-P42	1	Sep 96	GFE	Onboard
1192	GUI MSL, SDWNDR, TRNG, CATM-65F IR, 3647136-100	1	Sep 96	GFE	Onboard
1193	GUI MSL, I SDRM, TRNG, CATM-122/A, W/W&F, 1410-PV92	1	Sep 96	GFE	Onboard
1194	Guided Missile, Maverick, CATM-65F IR, 3647136-100	1	Sep 96	GFE	Onboard
1195	Cable, Arming, 837902-1	1	Sep 96	GFE	Onboard
1196	Wire Assembly, Arming, MK-3 MOD 0, 1325-F448	7	Sep 96	GFE	Onboard
1197	Wire Assembly, Arming, MK-9 MOD 0, 1325-F417	40	Sep 96	GFE	Onboard
1198	Wire Assembly Kit, Arming, 500 R&S, S&C, 923AS157	1	Sep 96	GFE	Onboard
1199	Fuse Assembly, Bomb, Dummy FMU-139(D-2)1B, 1325-F811	7	Sep 96	GFE	Onboard
1200	Bomb, Practice BDU45/B, Inert, W/SUS LUGS, 1325-F023	5	Sep 96	GFE	Onboard
1201	Comp Cont Grp, MAU-169D/B, Used W/BDU-12, 1325-E069	1	Sep 96	GFE	Onboard
1202	Switch, Arming, Safety, MMK122 MOD 0, LD516112	7	Sep 96	GFE	Onboard
1203	Airfoil Grp, MXU-667/B, Used W/GBU-16/B, 1325-F783	1	Sep 96	GFE	Onboard
1204	Bomb, GP, MK83 MOD 5, 1000lb, Inert, W/SUS, 1325-F252	2	Sep 96	GFE	Onboard
1205	Fin Assembly, Bomb, BSU=86/B, 1325-F766	4	Sep 96	GFE	Onboard
1206	Retarded, Inflatable, Air, BSU-85/B, FF/MK83, 1634AS100	1	Sep 96	GFE	Onboard
1207	Adpt, Bstr, Bomb, M148&T45, Nose, Inert, 1325-F402	6	Sep 96	GFE	Onboard
1208	Fuse, Bomb, Practice, Nose, PD, M904 Series Inert, 1325-FD919	6	Sep 96	GFE	Onboard
1209	Cartridge, Signal, Practice Bomb, MK4 MOD 3, 1325-F562	6	Sep 96	GFE	Onboard
1210	Bomb, Practice, MK76 MOD5, 25LG, W/MK14 Susp, 1325-E973	3	Sep 96	GFE	Onboard
1211	CBU-MK20 MOD12, Ballistic, Dummy Weapon, 1325-E897	1	Sep 96	GFE	Onboard
1212	CBU-78(D-1)A/B, Practice, (Gator) W/Dummy Line, 1325-K131	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

1213	Bomb, Fire, MK77 MOD 4, 500lb, Empty, 1325-E134	1	Sep 96	GFE	Onboard
1214	Initiator, Fire Bomb, MK13 MOD 0, DL2601820	2	Sep 96	GFE	Onboard
1215	Cartridge, Dummy, 25MM, PGU-24/UF/GAU-12, 1305-A968	300	Sep 96	GFE	Onboard
1216	Pyrotechnic, Protection Cover, 2555180	1	Sep 96	GFE	Onboard
1217	Cartridge, Signal, Practice Bomb CXU-3A, 1325-F470	6	Sep 96	GFE	Onboard
1218	HI-Drag Bomb, Practice BDU-48/B, 1325-E962	6	Sep 96	GFE	Onboard
1219	Plug, Solid Nose, Fuse MXU-735/B	1	Sep 96	GFE	Onboard
1220	Assembly, Fin, BSU-33A/B, 1325-F780	1	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-102-3116, AN/ARC-159(V) Transceivers And Associated Equipment Intermediate Maintenance Course

(Track 102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
0041	Radio Set, 622-0356-001	1	May 97	GFE	Onboard
0042	Receiver-Transmitter AN/ARC-159 (V), 622-1524-010	1	May 97	GFE	Onboard
0043	Receiver-Transmitter, 622-1524-021	1	May 97	GFE	Onboard
0044	Receiver-Transmitter, 622-1365-001	1	May 97	GFE	Onboard
0045	Receiver-Transmitter, 622-1366-001	1	May 97	GFE	Onboard
0046	Control, Radio Set, 622-2251-003	1	May 97	GFE	Onboard
0047	Control, Radio Set C-9577A, 622-0629-004	1	May 97	GFE	Onboard
0048	Control, Radio Set C-9815, 622-2287-001	1	May 97	GFE	Onboard
0049	Control, Radio Set C-9451, 622-1006-001	1	May 97	GFE	Onboard
0050	Switch Amp SA-1964, 622-0985-001	1	May 97	GFE	Onboard
0051	Indicator, Frequency Channel ID-1972, 622-1624-001	1	May 97	GFE	Onboard
0052	Indicator, Frequency, 622-2443-001	1	May 97	GFE	Onboard
0053	Indicator, Frequency Channel ID-1984, 622-2036-001	1	May 97	GFE	Onboard
0054	Converter, Digital, 622-2444-001	1	May 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**GPTE**

0055	Attenuator, Fixed, UG-528/U	2	May 97	GFE	Onboard
0056	Detector, Radio Freq, 423A	2	May 97	GFE	Onboard
0057	Audio Power Meter, 1840A	2	May 97	GFE	Onboard
0058	Mixer, Crystal, 10658140	2	May 97	GFE	Onboard
0059	Power Supply, JQE36-3M	2	May 97	GFE	Onboard
0060	Attenuator, Adjuster, 874GAL	2	May 97	GFE	Onboard
0061	Analyzer, Spectrum, 3586C	1	May 97	GFE	Onboard
0062	Test Set, Radio AN/ARM-165, 622-2750-001	1	May 97	GFE	Onboard
0063	Test Set, Switching Unit, 622-2754-001	2	May 97	GFE	Onboard
0064	Generator Signal, 8640B-001-003	2	May 97	GFE	Onboard
0065	Oscilloscope, 2246-1Y	2	May 97	GFE	Onboard
0066	Multimeter, 77AN	2	May 97	GFE	Onboard
0066	Analyzer, Distortion, HP334A	2	May 97	GFE	Onboard
0067	Test Set, Radio Freq, 164B-G3	2	May 97	GFE	Onboard
0069	Multimeter, 8800A	1	May 97	GFE	Onboard

**CIN, COURSE TITLE:** C-102-3026, RT-648/ARC-94 RT-698/ARC-102 HF Transceiver Intermediate Maintenance Course  
(Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
0070	Transceiver, 522-1501-00	2	May 97	GFE	Onboard
0071	Control, Radio Set, 522-2457-00	2	May 97	GFE	Onboard
0072	Transceiver, 522-1660-00	2	May 97	GFE	Onboard
<b>GPTE</b>					
0015	Multimeter, Digital, 27-AN	2	May 97	GFE	Onboard
0019	Generator, Signal, 8643A-915-H02-K01	2	May 97	GFE	Onboard
0065	Oscilloscope, 2246-1Y	2	May 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0073	Voltmeter, 912A-BP-SC1	2	May 97	GFE	Onboard
0074	Meter, Audio Level, TS585D/U	2	May 97	GFE	Onboard
0075	Test Harness, Radio, 547-3914-00	2	May 97	GFE	Onboard
0076	Radio Function Tester, 548-8001-005	2	May 97	GFE	Onboard
0077	Counter, Electrical, 5334B-030-H05-907-910	2	May 97	GFE	Onboard
0078	Maintenance Kit, 678Y1	2	May 97	GFE	Onboard

**GPETE**

0090	Microphone, M-92C/U	2	May 97	GFE	Onboard
0091	Headset, H-216A/U	2	May 97	GFE	Onboard

**SPETE**

0079	Frequency Divider Mod, 546-2142-005	1	May 97	GFE	Onboard
0080	Oscillator, Radio Frequency, 528-0251-005	1	May 97	GFE	Onboard
0081	Translator, Intermediate, 544-9286-000	1	May 97	GFE	Onboard
0082	Stabilizer, Frequency, 528-0112-005	1	May 97	GFE	Onboard
0083	Power Supply, 544-9292-00	1	May 97	GFE	Onboard
0084	Amplifier, Elect Control, 544-9290-005	1	May 97	GFE	Onboard
0085	Power Supply, 544-9291-000	1	May 97	GFE	Onboard
0086	Amplifier, Intermediate Freq, 546-6053-00	1	May 97	GFE	Onboard
0087	Frequency Stabilizer, 528-0329-005	1	May 97	GFE	Onboard
0088	Amplifier, Radio Freq, 544-9283-00	1	May 97	GFE	Onboard
0089	Translator, Signal Data, 528-0113-013	1	May 97	GFE	Onboard

**CIN, COURSE TITLE:** C-102-4017, AN/ARC-182(V) And AN/ARC-210(V) Communication Equipment Intermediate Maintenance Course (M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0001	Receiver-Transmitter, 622-6321-001	2	May 97	GFE	Onboard
0002	Receiver-Transmitter, 622-6322-001	2	May 97	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0003	Radio Set Control, 622-6324-001	2	May 97	GFE	Onboard
0004	Remote Indicator, 622-6326-001	2	May 97	GFE	Onboard
0005	Mount Base, 622-7473-001	1	May 97	GFE	Onboard
0006	Receiver-Transmitter, 622-7655-001	2	May 97	GFE	Onboard
0007	Processor Receiver, 622-5663-002	1	May 97	GFE	Onboard
0008	Radio Set Control, 901625-801	1	May 97	GFE	Onboard
0009	Receiver-Transmitter, 622-9878-002	4	May 97	GFE	Onboard
0010	C-11898/ARC, 622-8761-003	2	May 97	GFE	Onboard
0011	Converter, Digital, 822-0454-001	2	May 97	GFE	Onboard
0012	Meter Frequency, ID-2428/ARC	2	May 97	GFE	Onboard
0013	AN/CYZ-10(V)3	2	May 97	GFE	Onboard
<b>GPTE</b>					
0014	Attenuator, 2-6	2	May 97	GFE	Onboard
0015	Multimeter, Digital, 27-AN	2	May 97	GFE	Onboard
0016	Analyzer, Distortion, 3501A	2	May 97	GFE	Onboard
0017	Counter, Electrical, 53131A-010-030-H09	2	May 97	GFE	Onboard
0018	Power Meter, 6154	2	May 97	GFE	Onboard
0019	Generator, Signal, 8643A-915-H02-K01	2	May 97	GFE	Onboard
0020	Meter Modulation, 8210-01	2	May 97	GFE	Onboard
0021	Test Set, Radio, 652-2435-002	2	May 97	GFE	Onboard
0022	Test Set, Radio, 622-7009-001	1	May 97	GFE	Onboard
0023	Test Set, Adapter, 622-7747-002	1	May 97	GFE	Onboard
0024	Test Set, Adapter, 622-7748-002	2	May 97	GFE	Onboard
0025	Test Set, Adapter, 622-7749-003	2	May 97	GFE	Onboard
0026	Test Set, Adapter, 622-7753-002	1	May 97	GFE	Onboard
0027	Directional Coupler, 3000-30	2	May 97	GFE	Onboard
0028	Test Set, Adapter, 622-9655-001	1	May 97	GFE	Onboard
0029	O'Scope, Storage, TDS520A MOD CM	2	May 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0030	Function Generator, 145-S-872	1	May 97	GFE	Onboard
0031	Directional Coupler, 3020A	2	May 97	GFE	Onboard
0032	Attenuator, Fixed, 8322	4	May 97	GFE	Onboard
0033	Attenuator, Fixed, 2-40	2	May 97	GFE	Onboard
0034	Test Set, Radio, 622-9752-001	2	May 97	GFE	Onboard
0035	Generator, Signal, 622-9921-001	2	May 97	GFE	Onboard

**ST**

0036	Pinlight Tool, 629-9518-002	1	May 97	GFE	Onboard
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**GPETE**

0038	Workstation, Static, 1420	1	May 97	GFE	Onboard
0039	RS-232-25-PIN, ON433835-1	2	May 97	GFE	Onboard
0040	RS-232-9-PIN, ON433836-1	2	May 97	GFE	Onboard

**SPETE**

0037	RCVR-XMTR, Prefaulted, 822-1064-001	2	May 97	GFE	Onboard
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**CIN, COURSE TITLE:** C-102-3012, 490T-1/1A/9 Antenna Coupler Intermediate Maintenance Course (Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
1088	Discriminator, 528-0468-00	2	Sep 96	GFE	Onboard
1089	Transceiver, RT648/ARC-94	2	Sep 96	GFE	Onboard
1090	Coupler, Control, 528-0465-000	2	Sep 96	GFE	Onboard
1091	Amplifier, Elect, 775-4276-00	2	Sep 96	GFE	Onboard
1092	Box, Control, C3940ASC94	2	Sep 96	GFE	Onboard
1093	Test Bench, Harness, 678P-1	2	Sep 96	GFE	Onboard
1094	Assembly, Adapter, 757-1537-003	2	Sep 96	GFE	Onboard
<b>GPTE</b>					
1095	Coupler, Test Set, 98OH-1	2	Sep 96	GFE	Onboard
1096	Coupler, Antenna, 49OT-1A	2	Sep 96	GFE	Onboard
1097	Multimeter, Digital, 8000A/BU	2	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

1098	Voltmeter, RMS, 400E	2	Sep 96	GFE	Onboard
1099	Headset, H-216	2	Sep 96	GFE	Onboard
1100	Frequency Counter, Signal Gen, 9640B-001-002-003	2	Sep 96	GFE	Onboard
1101	Multimeter, 260-6XLP	2	Sep 96	GFE	Onboard
1102	Microphone, M92C/U	2	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-102-4049, AN/APX-72 And AN/APX-100(V) IFF Transponder Intermediate Maintenance Course  
(Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
100	Mode 4 CCA A6, 4047430-0501	1	May 97	GFE	Onboard
101	Power Supply, 4042874-0501	1	May 97	GFE	Onboard
101	Interface Board Assembly, 4044151-0501	1	May 97	GFE	Onboard
103	Front Panel Circuit Assembly, 405-1265-0702	1	May 97	GFE	Onboard
104	Receiver-Transmitter, Radar RT-1157B/APX-100V, 4036370-503	2	May 97	GFE	Onboard
105	Receiver-Transmitter, Radar RT-1284A/APX-100V, 4036360-0508	2	May 97	GFE	Onboard
106	Control, Transponder, 4038849-0501	2	May 97	GFE	Onboard
107	Receiver-Transmitter, Radar RT-859A/APX-72, 4023400-0503	4	May 97	GFE	Onboard
108	Control, Transponder, 112906-1	3	May 97	GFE	Onboard
109	Mount, Transponder, 4023403-0501	1	May 97	GFE	Onboard
94	Receiver, Radio, 4059369-0501	1	May 97	GFE	Onboard
95	RF Module/RT 1157, 4047547-0501	1	May 97	GFE	Onboard
96	Processor CCA A2, 4047434-0501	1	May 97	GFE	Onboard
97	Coder II CCA A3, 4044162-0501	1	May 97	GFE	Onboard
98	Coder I CCA A4, 4044351-0501	1	May 97	GFE	Onboard
99	BIT Control CCA A5, 4044336-0501	1	May 97	GFE	Onboard
<b>GPTE</b>					
110	Test Set, Transponder AN/APM-239A, 239D0001	3	May 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

111	Test Set, Transponder AN/APM-421, 4045130-0501	3	May 97	GFE	Onboard
112	Multimeter, 77/BN	2	May 97	GFE	Onboard
113	Load Bank, Power Supply, 4019245-0501	1	May 97	GFE	Onboard
114	Test Set, Radar, AN/UMP 155	3	May 97	GFE	Onboard

**GPETE**

115	Work Station Kit, Electrostatic, M87893-02-01	2	May 97	GFE	Onboard
116	AN/APX-72 RDR TRNPDRSYS Test Bench, 3826924-1	3	May 97	GFE	Onboard

**CIN, COURSE TITLE:** C-102-4024, AN/ARN-118(V) TACAN System Intermediate Maintenance Course (Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
117	Receiver-Transmitter, RT-1159/A	3	May 97	GFE	Onboard
118	Adapter Receiver, MX-9577/A	3	May 97	GFE	Onboard
119	Control Receiver, C-10058A	3	May 97	GFE	Onboard
120	Mount Base Elect, MT-6019/ARN	3	May 97	GFE	Onboard
121	Receiver-Transmitter, 8010000183-1	1	May 97	GFE	Onboard
122	Converter, Signal, 8010000204-2	1	May 97	GFE	Onboard
<b>GPTE</b>					
123	Test Set Indicator, 8000000069	2	May 97	GFE	Onboard
124	Test Set, Radio, 8000000066	2	May 97	GFE	Onboard
125	Test Set, TACAN, 972V-1	1	May 97	GFE	Onboard
126	Dummy Load, Electric, 160B660	4	May 97	GFE	Onboard
127	Oscilloscope, 2465B-11-MODWB	2	May 97	GFE	Onboard
128	Counter, Frequency, 5345A	1	May 97	GFE	Onboard
129	Test Set, Indicator, 628-8766-001	2	May 97	GFE	Onboard
130	Headset-Microphone, H-158/AIC	2	May 97	GFE	Onboard
131	CAP/SEMI Condu, TRACKER2000A	1	May 97	GFE	Onboard
132	Attenuator, Fixed Coaxial, 766-20	1	May 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

133	Attenuator, Variable, 2936	1	May 97	GFE	Onboard
134	Cable Set, Unit Extender, 659-3293-001	2	May 97	GFE	Onboard
135	Stopwatch, Digital, 390	2	May 97	GFE	Onboard
136	Voltmeter, Digital, 8800A/AA	2	May 97	GFE	Onboard

**GPETE**

115	Work Station Kit, Electrostatic, M87893-02-01	2	May 97	GFE	Onboard
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**CIN, COURSE TITLE:** C-102-3105, AN/APN-194(V) Electronic Altimeter Set Intermediate Maintenance Course  
(Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
137	Receiver-Transmitter RT1015/APN-194(V), HG7194A1	2	May 97	GFE	Onboard
138	Receiver-Transmitter, RT1042/APN-194(V), HG7194A2	2	May 97	GFE	Onboard
139	Receiver-Transmitter RT1015A/APN-194(V), HG7194C1	2	May 97	GFE	Onboard
140	Receiver-Transmitter RT-1042A/APN194(V), HG7194C2	2	May 97	GFE	Onboard
141	Blanker, Interference, LG1056AB01	2	May 97	GFE	Onboard
142	Antenna AS2595APN194V, LG81J1	1	May 97	GFE	Onboard
143	Indicator, Height, JG1061CC01	1	May 97	GFE	Onboard
144	Indicator, Height, JG1073CC01	1	May 97	GFE	Onboard
145	Indicator, Height, JG1082CC01	1	May 97	GFE	Onboard
<b>GPTE</b>					
1461	Test Set, Altimeter, JG1073CC01	1	May 97	GFE	Onboard
147	Test Set, Altimeter, JG1082CC01	1	May 97	GFE	Onboard
148	Test Set, Adapter, 2043	1	May 97	GFE	Onboard
149	Generator, Signal, 1607A	1	May 97	GFE	Onboard
150	Multimeter, TS352AU	1	May 97	GFE	Onboard
151	Test Set, Radio Freq, 431C	1	May 97	GFE	Onboard
152	Bolometer, Radio Freq, TM-400	1	May 97	GFE	Onboard

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153	Oscilloscope, 465	2	May 97	GFE	Onboard
154	Voltmeter, Digital, 931B01	1	May 97	GFE	Onboard
155	Multimeter, 3456A	1	May 97	GFE	Onboard
156	Voltmeter, Digital, 8840A/AA	2	May 97	GFE	Onboard
157	Test Set, Adapter, OF31V2APM	1	May 97	GFE	Onboard

**CIN, COURSE TITLE:** C-602-4295, AN/USM-604 Electrical Equipment Test Set Operator/Maintainer Intermediate Maintenance Course (Track M-198-8010)  
**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
158	Control, Coordinate Data Monitor, A05A0239-2	1	Jun 97	GFE	Onboard
159	Coordinate Data Monitor, A05A0238-3	1	Jun 97	GFE	Onboard
160	Altimeter, Pressure, WL1650AM2	1	Jun 97	GFE	Onboard
161	Computer, Air Data, 2117642-6-1	1	Jun 97	GFE	Onboard
162	Indicator, Digital Display, 39500-49	1	Jun 97	GFE	Onboard
163	Computer, Flight Control, 4041789-995	1	Jun 97	GFE	Onboard
164	Gyroscope, Rate, 4041792-901	1	Jun 97	GFE	Onboard
165	Converter, Signal Data, 4044632-903	1	Jun 97	GFE	Onboard
166	Display Unit, Head-up, 425SUM2	1	Jun 97	GFE	Onboard
167	Power Supply, 60-3428-3	1	Jun 97	GFE	Onboard
168	Communication Panel, 51701000-003	1	Jun 97	GFE	Onboard
169	Computer, Stores Man, 7958500-102	1	Jun 97	GFE	Onboard
170	Control-Indicator, 7958700-101	1	Jun 97	GFE	Onboard
171	Actuator Sub-assembly, Electric, 7547000-25	1	Jun 97	GFE	Onboard
172	Indicator, Engine PE, 8DJ340WAD1	1	Jun 97	GFE	Onboard
173	Amplifier, Forward, 4048613	1	Jun 97	GFE	Onboard
174	Computer, Display, 10-112-03	1	Jun 97	GFE	Onboard

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175	Controller, Stores, 7958800-101	1	Jun 97	GFE	Onboard
176	Controller, Annuncia, 95790000-009	1	Jun 97	GFE	Onboard
177	Control Box, Ant, AC67362-0	1	Jun 97	GFE	Onboard
178	Processor Unit, Fuel, 360-082-006	1	Jun 97	GFE	Onboard
179	Indicator, Fuel Quantity, 372-009-003	1	Jun 97	GFE	Onboard
180	Indicator, Vertical Velocity, 843-67-2A-M	1	Jun 97	GFE	Onboard
181	Camera, Television, 452275-2	1	Jun 97	GFE	Onboard
181	Computer, Digital, 8506200-913	1	Jun 97	GFE	Onboard
183	Color Display, Multi-Purpose, 714SUM6	1	Jun 97	GFE	Onboard
184	Computer, Night Att, 10-112-11	1	Jun 97	GFE	Onboard
185	Monitor Unit, Digital, 8505300-912	1	Jun 97	GFE	Onboard
186	Storage Unit, Data, 791700-5	1	Jun 97	GFE	Onboard
187	Monitor Unit, Engine, 612/1/46170/002	1	Jun 97	GFE	Onboard
<b>GPTE</b>					
0066	Multimeter, 77AN	4	Jun 97	GFE	Onboard
188	Turn Table, Rated, H347B	1	Jun 97	GFE	Onboard
189	Elect Equip T. S., 75D040050-1001	1	Jun 97	GFE	Onboard
190	Simulator, Hud, 654336-1	1	Jun 97	GFE	Onboard
191	Test Set, Computer, 1164AS230-7	4	Jun 97	GFE	Onboard
192	Magnetic Tape, Transport, 1164AS326	4	Jun 97	GFE	Onboard
193	Erasing System, UV Eprom/Wafer, PC-2200A	2	Jun 97	GFE	Onboard
194	Programming Set, UV Eprom, 1692AS00	2	Jun 97	GFE	Onboard
<b>ST</b>					
195	Hand Crimping Tool, 90309-1	1	Jun 97	GFE	Onboard
196	Hand Crimping Tool, 90418-1	1	Jun 97	GFE	Onboard
197	Insert/Extract Tool, 91111-1	2	Jun 97	GFE	Onboard
198	Fastener Tool Kit, PBH-TK01	1	Jun 97	GFE	Onboard
<b>GPETE</b>					
115	Work Station Kit, Electrostatic, M87893-02-01	4	Jun 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**CIN, COURSE TITLE:** C-601-3893, F420-RR-408A/MK.4 CR00305 Gas Turbine Starter (GTS) / F402-RR-406A Intermediate Maintenance Course (Track M-601-3029)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
577	Engine, Turbofan, F402-RR-406A	1	Sep 96	GFE	Onboard
578	Engine, Turbofan, F402-RR-408	1	Sep 96	GFE	Onboard
1023	Generator, Starter, CR00305	2	Sep 96	GFE	Onboard
<b>ST</b>					
1000	Extractor, S3S18391000	1	Sep 96	GFE	Onboard
1001	Set, Nut/Bolt, S3S18391000	1	Sep 96	GFE	Onboard
1002	Tool, Stamping, S3S18399000	1	Sep 96	GFE	Onboard
1003	Disk, Alignment, S3S18400000	1	Sep 96	GFE	
1004	Set, Support, S3S18402000	1	Sep 96	GFE	Onboard
1005	Adapter, Lifting, S3S18406000	1	Sep 96	GFE	Onboard
1006	Box, Comparator, S3S18409000	1	Sep 96	GFE	Onboard
1006	Assembly, Platform, S3S18414000	1	Sep 96	GFE	Onboard
1007	Restrainer, S3S18410000	1	Sep 96	GFE	Onboard
1008	Kit, Leg, Support, S3S18411000	1	Sep 96	GFE	Onboard
1010	Assembly, Extractor, S3S18416000	1	Sep 96	GFE	Onboard
1011	Extractor, S3S18417000	1	Sep 96	GFE	Onboard
1012	Tool, Assembly, S3S18418000	1	Sep 96	GFE	Onboard
1013	Sling, Lifting, S3S18424000	1	Sep 96	GFE	Onboard
1014	Tool, Alignment, S3S18431000	1	Sep 96	GFE	Onboard
1015	Extension, Anchor, SWE20453	1	Sep 96	GFE	Onboard
1016	Anchor, SWE20454	1	Sep 96	GFE	Onboard
1017	Plate, Anchor, SWE20459	1	Sep 96	GFE	Onboard
1018	Socket, SWE20653	1	Sep 96	GFE	Onboard

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1019	Socket, SWE20654	1	Sep 96	GFE	Onboard
1020	Socket, SWE20659	1	Sep 96	GFE	Onboard
1021	Plate, Anchor, SWE847240	1	Sep 96	GFE	Onboard
1022	Stand, Maintenance, S3S18203000	2	Sep 96	GFE	Onboard
1024	Bars, Parallel, 12 X 3/4 X1	2	Sep 96	GFE	Onboard
1025	Puller, 64E533097-1	1	Sep 96	GFE	Onboard
1026	Wrench, Special, NTS10886	1	Sep 96	GFE	Onboard
1027	Adapter, Threaded, NTS10887	1	Sep 96	GFE	Onboard
1028	Extractor, Oil Transfer, NTS10890	1	Sep 96	GFE	Onboard
1029	Punch Assembly, Rotor, NTS10891	1	Sep 96	GFE	Onboard
1030	Base, Punch, NTS10891-2	1	Sep 96	GFE	Onboard
1031	Punch, Caulking, NTS10892	1	Sep 96	GFE	Onboard
1032	Punch, Bush, NTS10892-2	1	Sep 96	GFE	Onboard
1033	Gauge, Compressor Seal, NTS10901	1	Sep 96	GFE	Onboard
1034	Gauge, NTS10902	1	Sep 96	GFE	Onboard
1035	Key, Torque, NTS10903	1	Sep 96	GFE	Onboard
1036	Hold Back, Rotor Securing, Screw, NTS10904	1	Sep 96	GFE	Onboard
1037	Adapter, Torque, NTS10905	1	Sep 96	GFE	Onboard
1038	Adapter, Torque, Lock-nut, NTS10906	1	Sep 96	GFE	Onboard
1039	Block, Holding, NTS10907	1	Sep 96	GFE	Onboard
1040	Punch, Base Assembly, NTS10908	1	Sep 96	GFE	Onboard
1041	Extractor Tool, Ball, NTS10909	1	Sep 96	GFE	Onboard
1042	Block Assembly, Compressor, Turbine, NTS10910	1	Sep 96	GFE	Onboard
1043	Extractor, Seal, NTS10912	1	Sep 96	GFE	Onboard
1044	Ring, Gauging, NTS10914	1	Sep 96	GFE	Onboard
1045	Adapter, Torque, NTS10915	1	Sep 96	GFE	Onboard
1046	Tool Assembly, Forbearing, NTS12073	1	Sep 96	GFE	Onboard
1047	Extractor, Gear, NTS12074	1	Sep 96	GFE	Onboard

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1048	Punch Ball, Race, NTS12079	1	Sep 96	GFE	Onboard
1049	Extractor, Compressor, NTS12075	1	Sep 96	GFE	Onboard
1050	Plug, Extractor, NTS12076	1	Sep 96	GFE	Onboard
1051	Punch Assembly, Ballrace, NTS12078	1	Sep 96	GFE	Onboard
1052	Key, Allen, Special, NTS12080	1	Sep 96	GFE	Onboard
1053	Adapter, Torque, NTS13166	1	Sep 96	GFE	Onboard
1054	Punch, Peening, NTS13167	1	Sep 96	GFE	Onboard
1055	Block, Holding, NTS13168	1	Sep 96	GFE	Onboard
1056	Spanner, Ring Nut, NTS13169	1	Sep 96	GFE	Onboard
1057	Block, Holding, NTS13171	1	Sep 96	GFE	Onboard
1058	Block, Holding, NTS13174	1	Sep 96	GFE	Onboard
1059	Adapter, Torque, NTS13175	1	Sep 96	GFE	Onboard
1060	Block, Holding, NTS13176	1	Sep 96	GFE	Onboard
1060	Ring, Gauging, NTS13179	1	Sep 96	GFE	Onboard
1062	Block, Holding, NTS13182	1	Sep 96	GFE	Onboard
1063	Adapter, Torque, NTS13183	1	Sep 96	GFE	Onboard
1064	Adapter, Torque, NTS13185	1	Sep 96	GFE	Onboard
1065	Block, Holding, NTS13186	1	Sep 96	GFE	Onboard
1066	Tool, Assembly, NTS13789-1	1	Sep 96	GFE	Onboard
1067	Spanner, Torque, NTS13187	1	Sep 96	GFE	Onboard
1068	Tool, Extractor, NTS13190	1	Sep 96	GFE	Onboard
1069	Tool, Holding, NTS13192	1	Sep 96	GFE	Onboard
1070	Fitting, Sleeve, NTS13194	1	Sep 96	GFE	Onboard
1071	Adapter, Torque, NTS13814	1	Sep 96	GFE	Onboard
1072	Tool, Alignment, 83710166	1	Sep 96	GFE	Onboard
1073	Gauge Set, Turbine Tip, 83730066	1	Sep 96	GFE	Onboard
1074	Gauge, Bearing, 83730087	1	Sep 96	GFE	Onboard
1075	Test Box, Gauges, 83740086	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

1076	Press, Machine, 3	1	Sep 96	GFE	Onboard
1077	Adapter, Torque, 83790067	1	Sep 96	GFE	Onboard
1078	Gauge, Depth, Venire, 448	1	Sep 96	GFE	Onboard
1079	Indicator .0001", Dial, A-A-2348	12	Sep 96	GFE	Onboard
1080	Micrometer, 0-1", 1-2", 2-3", GGG-G-1005	1	Sep 96	GFE	Onboard
1081	Wrench, Torque 0-300 INLB, A-A-2411	1	Sep 96	GFE	Onboard
1082	Torque Meter, GGG-W-00686	1	Sep 96	GFE	Onboard
1083	Borescope, Flex Fiber, IF4-D4-15	1	Sep 96	GFE	Onboard
292	Protector, Disk, S3S14171000	1	Sep 96	GFE	Onboard
579	Handling Attachment-Lift, HP Compressor, S3S10166000	2	Sep 96	GFE	Onboard
580	Puller, Mechanical, S3S10189000	1	Sep 96	GFE	Onboard
581	Ring, Slave, Rotor, S3S11200000	1	Sep 96	GFE	Onboard
582	Ring, Slave, Rotor, S3S11201000	1	Sep 96	GFE	Onboard
583	Extractor, S3S11577000	1	Sep 96	GFE	Onboard
584	Wrench Set, Socket, S3S13016000	1	Sep 96	GFE	Onboard
585	Extractor, S3S13040000	1	Sep 96	GFE	Onboard
586	Spanner, Torque, S3S13101000	1	Sep 96	GFE	Onboard
587	Spanner, Torque, S3S13108000	2	Sep 96	GFE	Onboard
588	Locator, S3S13342000	2	Sep 96	GFE	Onboard
589	Sling, Engine Lifting, S3S13346000	2	Sep 96	GFE	Onboard
590	Gauge, Hot Nozzle, S3S13361000	2	Sep 96	GFE	Onboard
591	Fixture, Checking, S3S13372000	1	Sep 96	GFE	Onboard
592	Box, Light Source, LSB07D	1	Sep 96	GFE	Onboard
593	Ring, Setting, S3S13417000	1	Sep 96	GFE	Onboard
594	Wrench, Accessory Gearbox, S3S13433000	1	Sep 96	GFE	Onboard
595	Wrench, Accessory Gearbox, S3S13434000	1	Sep 96	GFE	Onboard
596	Fixture, Casing, S3S13447000	1	Sep 96	GFE	Onboard
597	Fixture, Casing, S3S13448000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

598	Pin, Locating, S3S13449000	1	Sep 96	GFE	Onboard
599	Pin, Locating, S3S134500000	1	Sep 96	GFE	Onboard
600	Platform, Hydraulic, S3S14770000	1	Sep 96	GFE	Onboard
601	Kit, Inspection, Chain, S3S13461000	1	Sep 96	GFE	Onboard
602	Setter, Special IGV, S3S13466000	1	Sep 96	GFE	Onboard
603	Crowfoot, Blowoff Valve, S3S13470000	2	Sep 96	GFE	Onboard
604	Crowfoot, Blowoff Valve, S3S13470000	2	Sep 96	GFE	Onboard
605	Wrench, Combustion, Chamber, S3S13472000	2	Sep 96	GFE	Onboard
606	Comparator, Borescope, S3S13476000	1	Sep 96	GFE	Onboard
607	Holder, HPC Manifold Bolts, S3S13498000	2	Sep 96	GFE	Onboard
608	Crowfoot, Torque, S3S13591000	2	Sep 96	GFE	Onboard
609	Crowfoot, Torque, S3S13604000	1	Sep 96	GFE	Onboard
610	Protector Set, Inter, S3S13605000	1	Sep 96	GFE	Onboard
611	Spanner, Torque, S3S13606000	1	Sep 96	GFE	Onboard
612	Blanket, Breather, Port, S3S13670000	1	Sep 96	GFE	Onboard
613	Protector, Rotary Mo, S3S13806000	1	Sep 96	GFE	Onboard
614	Extractor, Dowel, S3S13858000	1	Sep 96	GFE	Onboard
615	Adapter, Rotor, S3S13859000	2	Sep 96	GFE	Onboard
616	Extractor, Dowel, S3S13860000	2	Sep 96	GFE	Onboard
617	Protector, LPC-1, S3S13862000	1	Sep 96	GFE	Onboard
618	Spanner, Torque, Outer, S3S13863000	1	Sep 96	GFE	Onboard
619	Sling, HPT-1 Bladed, S3S13864000	1	Sep 96	GFE	Onboard
620	Spanner, Oil Filter, S3S13867000	2	Sep 96	GFE	Onboard
621	Spanner, Oil Filter, S3S13868000	2	Sep 96	GFE	Onboard
622	Protector, LPC-12, S3S13875000	2	Sep 96	GFE	Onboard
623	Protector, LPC-2-3, S3S13876000	1	Sep 96	GFE	Onboard
624	Assembly, Pallet, S3S13879000	3	Sep 96	GFE	Onboard
625	Sling, Engine Duct, S3S13881000	1	Sep 96	GFE	Onboard

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626	Shaft, RR Nozzle, S3S13884000	2	Sep 96	GFE	Onboard
627	Shaft, RR Nozzle, S3S13885000	2	Sep 96	GFE	Onboard
628	Wrench, VIGV Control, S3S13889000	1	Sep 96	GFE	Onboard
629	Holder, LPC-1/2 Ret, S3S13891000	2	Sep 96	GFE	Onboard
630	Wench, Waterfeed, S3S13892000	2	Sep 96	GFE	Onboard
631	Spanner, Water, S3S13893000	3	Sep 96	GFE	Onboard
632	Adapter, Accessory, S3S13899000	1	Sep 96	GFE	Onboard
633	Spanner, WI Manifold, S3S13894000	2	Sep 96	GFE	Onboard
634	Protector, Turbine, S3S13902000	2	Sep 96	GFE	Onboard
635	Press, Installation, S3S13904000	1	Sep 96	GFE	Onboard
636	Scale, Spring Balance, S3S13905000	2	Sep 96	GFE	Onboard
637	Drift, Oil Distributor, S3S13909000	1	Sep 96	GFE	Onboard
638	Pallet, Bladed Turbine, S3S13915000	4	Sep 96	GFE	Onboard
639	Spacer, HPC Rotor, S3S13917000	1	Sep 96	GFE	Onboard
640	Puller, LPC Rotor Ce, S3S13923000	1	Sep 96	GFE	Onboard
641	Drift, Hollow Pins, S3S13924000	2	Sep 96	GFE	Onboard
642	Pins, Alignment, S3S13925000	2	Sep 96	GFE	Onboard
643	Extractor, Lift Adapter, S3S13927000	1	Sep 96	GFE	Onboard
644	Guide Pins, HPT-2 DI, S3S13928000	1	Sep 96	GFE	Onboard
645	Assembly Tool, HPT, S3S13929000	1	Sep 96	GFE	Onboard
646	Fixture, Inner/Outer, S3S13930000	1	Sep 96	GFE	Onboard
647	Protector, HPT-1 Rotor, S3S13932000	2	Sep 96	GFE	Onboard
648	Protector, HPT-2V Blade, S3S13933000	1	Sep 96	GFE	Onboard
649	Adapter, LP Compressor, S3S13935000	2	Sep 96	GFE	Onboard
650	Extractor, LPT Thrus, S3S13936000	1	Sep 96	GFE	Onboard
651	Sling, Lifting LPT, S3S13937000	1	Sep 96	GFE	Onboard
652	Sling, Delivery Casing, S3S13941000	2	Sep 96	GFE	Onboard
653	Plate, HP Shaft Sup, S3S13943000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

654	Adapter, HPC Rotor L, S3S13945000	1	Sep 96	GFE	Onboard
655	Cradle, HPC Rotor, S3S13946000	1	Sep 96	GFE	Onboard
656	Extractor, No. 2 Bearing, S3S13948000	2	Sep 96	GFE	Onboard
657	Shaft, LP Shaft Support, S3S13949000	1	Sep 96	GFE	Onboard
658	Fixture, Inner/Outer, S3S13950000	1	Sep 96	GFE	Onboard
659	Protector, HP Rotor, S3S13955000	2	Sep 96	GFE	Onboard
660	S3S13960000	2	Sep 96	GFE	Onboard
661	Protector, LPC-1, S3S13962000	1	Sep 96	GFE	Onboard
662	Protector, LPC-2, S3S13963000	1	Sep 96	GFE	Onboard
663	Extractor, Oil Feed, S3S13965000	2	Sep 96	GFE	Onboard
664	Extractor, Pressure, S3S13966000	2	Sep 96	GFE	Onboard
665	Extractor, Oil Tube, S3S13967000	1	Sep 96	GFE	Onboard
666	Extractor, Shaft, S3S13969000	1	Sep 96	GFE	Onboard
667	Protector, Casing, S3S13970000	3	Sep 96	GFE	Onboard
668	Protector, Stator, S3S13971000	1	Sep 96	GFE	Onboard
669	Bar, Pry, S3S13974000	1	Sep 96	GFE	Onboard
670	Extractor, S3S13976000	1	Sep 96	GFE	Onboard
671	Extractor, S3S13977000	1	Sep 96	GFE	Onboard
672	Protector, Bearing, S3S13999000	1	Sep 96	GFE	Onboard
673	Protector, Unit, S3S14071000	1	Sep 96	GFE	Onboard
674	Sling Assembly, Spec, S3S14081000	1	Sep 96	GFE	Onboard
675	Location, Sleeve, S3S14084000	1	Sep 96	GFE	Onboard
676	Stand, Maintenance A, S3S14091000	1	Sep 96	GFE	Onboard
677	Adapter, S3S14096000	1	Sep 96	GFE	Onboard
678	Adapter, S3S14098000	2	Sep 96	GFE	Onboard
679	Protector, Compressor, S3S14107000	1	Sep 96	GFE	Onboard
680	Tool Box, Special, S3S14111000	1	Sep 96	GFE	Onboard
681	Protector, Stator, S3S14112000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

682	Box, Stator Blades, S3S14114000	1	Sep 96	GFE	Onboard
683	Box, Stator Blades, S3S14115000	1	Sep 96	GFE	Onboard
684	Probe Kit, Inspection, S3S14118000	1	Sep 96	GFE	Onboard
685	Gauge Set, Clearance, S3S14127000	1	Sep 96	GFE	Onboard
686	Extractor, Air Shroud, S3S14129000	1	Sep 96	GFE	Onboard
687	Extractor, S3S14130000	1	Sep 96	GFE	Onboard
688	Wrench, HPC/Delivery, S3S14139000	1	Sep 96	GFE	Onboard
689	Wrench, S3S14153000	1	Sep 96	GFE	Onboard
690	Protector, No. 3 Bearing, S3S14162000	1	Sep 96	GFE	Onboard
691	Protector, Intermediate, S3S14163000	2	Sep 96	GFE	Onboard
693	Hose, Filter, S3S14173000	1	Sep 96	GFE	Onboard
694	Sleeve, Guide, S3S14200000	1	Sep 96	GFE	Onboard
695	Sling, Intermediate, S3S14205000	1	Sep 96	GFE	Onboard
696	Stand, Exhaust Duct, S3S14221000	1	Sep 96	GFE	Onboard
697	Puller, Impact, S3S14231000	1	Sep 96	GFE	Onboard
698	Pin Assembly, Slave, S3S14232000	5	Sep 96	GFE	Onboard
699	Drift Plate, Diaphragm, S3S14241000	1	Sep 96	GFE	Onboard
700	Spanner, Torque, Adapter, S3S14316000	1	Sep 96	GFE	Onboard
701	Adapter, Torque Wrench, S3S14317000	1	Sep 96	GFE	Onboard
702	Sling, Aircraft Main S3S14366000	1	Sep 96	GFE	Onboard
703	Lay-By-Stand, Engine, S3S14368000	1	Sep 96	GFE	Onboard
704	Extractor, Bearing, S3S14369000	1	Sep 96	GFE	Onboard
705	Micrometer, Internal, S3S14390000	1	Sep 96	GFE	Onboard
706	Stand, Engine Turn, S3S14399000	1	Sep 96	GFE	Onboard
707	Blank, Cooler, Oil, S3S14420000	1	Sep 96	GFE	Onboard
708	Hose, Drain Oil Tank, S3S14424000	1	Sep 96	GFE	Onboard
709	Hose, Oil Tank, Overflow, S3S14425000	1	Sep 96	GFE	Onboard
710	Protector, Intrmd, S3S14432000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

711	Set, Ratchet, S3S14435000	2	Sep 96	GFE	Onboard
712	Adapter, LPC-1 Disk, S3S14436000	1	Sep 96	GFE	Onboard
713	Blank, Engine Breather, S3S14445000	1	Sep 96	GFE	Onboard
714	Extractor, Air Trans, S3S14505000	1	Sep 96	GFE	Onboard
715	Spanner, Torque, S3S14512000	1	Sep 96	GFE	Onboard
716	Protector, Gear Box, S3S17001000	1	Sep 96	GFE	Onboard
717	Protector, LP Rotor, S3S17006000	1	Sep 96	GFE	Onboard
718	Extractor, LPC/No. 4 Bearing, S3S17010000	4	Sep 96	GFE	Onboard
719	Spanner, LPC-2, S3S17011000	2	Sep 96	GFE	Onboard
720	Protector, Shaft, S3S17041000	1	Sep 96	GFE	Onboard
721	Protector, Oil Trans, S3S17041000	1	Sep 96	GFE	Onboard
722	Protector, HPT-1, S3S17043000	1	Sep 96	GFE	Onboard
723	Protector, HPT-1, S3S17046000	2	Sep 96	GFE	Onboard
724	Extractor, No. 4 Bearing, S3S17118000	1	Sep 96	GFE	Onboard
725	Extractor, Bearing, S3S17119000	1	Sep 96	GFE	Onboard
726	Drift, Bearing And Sleeve, S3S17122000	1	Sep 96	GFE	Onboard
727	Table, Dimensional, S3S17124000	1	Sep 96	GFE	Onboard
728	Gage, Alignment, Water, S3S17127000	1	Sep 96	GFE	Onboard
729	Extractor, Oil Feed, S3S17130000	1	Sep 96	GFE	Onboard
730	Assembly Tool, Bearing, S3S17140000	1	Sep 96	GFE	Onboard
731	Tool, Assembly, S3S17142000	2	Sep 96	GFE	Onboard
732	Protector, Blow Off, S3S17145000	2	Sep 96	GFE	Onboard
733	Tube, Guide, S3S17148000	2	Sep 96	GFE	Onboard
734	Bar, Alignment, S3S17149000	1	Sep 96	GFE	Onboard
735	Bar, Alignment, S3S17150000	1	Sep 96	GFE	Onboard
736	Drift, Rear Nozzle C, S3S17164000	1	Sep 96	GFE	Onboard
737	Drift, Nozzle Control, S3S17165000	2	Sep 96	GFE	Onboard
738	Base, Rear Nozzle Sp, S3S17168000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

739	Base, Rear Nozzle Sp, S3S17169000	1	Sep 96	GFE	Onboard
740	Puller, Mechanical, S3S17172000	2	Sep 96	GFE	Onboard
741	Protector, Accessory, S3S17195000	1	Sep 96	GFE	Onboard
742	Adapter, Turning Dial, S3S17203000	1	Sep 96	GFE	Onboard
743	Spanner, Torque, S3S17500000	1	Sep 96	GFE	Onboard
744	Blank, Casing Interm, S3S17662000	1	Sep 96	GFE	Onboard
745	Casing, Delivery, S3S17950000	2	Sep 96	GFE	Onboard
746	Spanner, Ring Nut, S3S17992000	1	Sep 96	GFE	Onboard
747	Anchor, Wrench, SWE10433	1	Sep 96	GFE	Onboard
748	Anchor, Wrench, SWE10434	1	Sep 96	GFE	Onboard
749	Socket, Anchor, SWE10437	1	Sep 96	GFE	Onboard
750	Anchor, Wrench, SWE10438	1	Sep 96	GFE	Onboard
751	Socket, Wrench, SWE10633	1	Sep 96	GFE	Onboard
752	Socket, Wrench, SWE10637	1	Sep 96	GFE	Onboard
753	Socket, Wrench, SWE10638	1	Sep 96	GFE	Onboard
754	Socket, Wrench, SWE10639	1	Sep 96	GFE	Onboard
755	Handle, Socket Wrench, SWE63	1	Sep 96	GFE	Onboard
756	Multiplier, Torque W, SWE8100	2	Sep 96	GFE	Onboard
757	Anchor, Plate Prop, SWE8471	1	Sep 96	GFE	Onboard
758	Straight 48", 385	1	Sep 96	GFE	Onboard
759	Blank. Delivery Do, B372428	2	Sep 96	GFE	Onboard
760	Blank, Rear Nozzle, B38946	2	Sep 96	GFE	Onboard
761	Blank, Special, B474298	1	Sep 96	GFE	Onboard
762	Adapter, Hoisting, S3S13094000	1	Sep 96	GFE	Onboard
763	Cap, Protector, S3S13922000	1	Sep 96	GFE	Onboard
764	Adapter, LP Drive Shaft, S3S13940000	1	Sep 96	GFE	Onboard
765	Ring, S3S14242000	1	Sep 96	GFE	Onboard
766	Puller, Mechanical, S3S14264000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

767	Heater, Hub Turbine, Low Press, S3S14266000	1	Sep 96	GFE	Onboard
768	Adapter, Lifting, S3S14267000	2	Sep 96	GFE	Onboard
769	Spanner, Torque, S3S14268000	3	Sep 96	GFE	Onboard
770	Adapter Assembly, Ho, S3S14269000	2	Sep 96	GFE	Onboard
771	Spanner, Torque, S3S14270000	2	Sep 96	GFE	Onboard
772	Fixture, Holding, S3S14271000	6	Sep 96	GFE	Onboard
773	Plate, Rebuild Fixture, S3S14272000	1	Sep 96	GFE	Onboard
774	Stand, Support, Pack, S3S14274000	2	Sep 96	GFE	Onboard
775	Adapter, Lifting, S3S14275000	2	Sep 96	GFE	Onboard
776	Handle Assembly, Lift, S3S14276000	1	Sep 96	GFE	Onboard
777	Ring Assembly, Support S3S14277000	1	Sep 96	GFE	Onboard
778	Pliers, Locking, Turb, S3S14278000	1	Sep 96	GFE	Onboard
779	Ring, Support Rotor, S3S14281000	1	Sep 96	GFE	Onboard
780	Adapter, Support, Shaft, S3S14283000	1	Sep 96	GFE	Onboard
781	Puller, Mechanical, S3S14284000	2	Sep 96	GFE	Onboard
782	Ring Assembly, Locating, S3S14285000	2	Sep 96	GFE	Onboard
783	Extractor, Drive Hub, S3S14286000	1	Sep 99	GFE	Onboard
784	Assembly, Fixture, S3S14287000	1	Sep 96	GFE	Onboard
785	Adapter, Shaft, S3S14288000	1	Sep 96	GFE	Onboard
786	Adapter, Disassembly, S3S14291000	2	Sep 96	GFE	Onboard
787	Extractor, S3S14292000	1	Sep 96	GFE	Onboard
788	Ring Assembly, Support, S3S14293000	1	Sep 96	GFE	Onboard
789	Adapter, Restraining, S3S14295000	2	Sep 96	GFE	Onboard
790	Adapter, Hoisting, AI, S3S14297000	2	Sep 96	GFE	Onboard
791	Plate Assembly, Load, S3S14299000	1	Sep 96	GFE	Onboard
792	Plate Assembly, Load, S3S14300000	2	Sep 96	GFE	Onboard
793	Adapter Assembly, Hoisting, S3S14301000	2	Sep 96	GFE	Onboard
794	Ring, Assembly, Set, S3S14304000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

795	Heater, Locator, Set, S3S14306000	2	Sep 96	GFE	Onboard
796	Extractor, Hook Assembly, S3S14307000	1	Sep 96	GFE	Onboard
797	Extractor, Vane, S3S14308000	1	Sep 96	GFE	Onboard
798	Protector, Seal, Disk, S3S14457000	1	Sep 96	GFE	Onboard
799	Protector, Assembly, S3S14458000	1	Sep 96	GFE	Onboard
800	Protector, Assembly, S3S14459000	1	Sep 96	GFE	Onboard
801	Adapter, Support, S3S14467000	1	Sep 96	GFE	Onboard
802	Fixture, Holding, S3S14567000	2	Sep 96	GFE	Onboard
803	Adapter, Rotor, S3S14576000	1	Sep 96	GFE	Onboard
804	Support, Cradle, S3S17928000	1	Sep 96	GFE	Onboard
805	Anchor Plate, Hub, SWE104399	1	Sep 96	GFE	Onboard
806	Spanner, PE3186	1	Sep 96	GFE	Onboard
807	Sling, Lifting, S3S14524000	1	Sep 96	GFE	Onboard
808	Sling, Lifting, Fuel, S3S145240100	1	Sep 96	GFE	Onboard
809	Oven, LAD1-42	1	Sep 96	GFE	Onboard
810	Micrometer, Internal, S3S14550000	1	Sep 96	GFE	Onboard
811	Micrometer, Inside, 6-78", 9141	1	Sep 96	GFE	Onboard
812	Caliper, Venire 6", 123Z-6	1	Sep 96	GFE	Onboard
813	Caliper, Venire 36", 123Z-36	1	Sep 96	GFE	Onboard
814	Gage, Height, Venire, 254Z-36	1	Sep 96	GFE	Onboard
815	Depth, Venire 0-21", PE24273	1	Sep 96	GFE	Onboard
816	Gage, Depth, Dial Indicator, 643J	1	Sep 96	GFE	Onboard
817	Indicator, Dial, 80-144J	1	Sep 96	GFE	Onboard
818	Tester, Spring Resilience, L30	1	Sep 96	GFE	Onboard
819	Wrench, Torque, 0-120 INLB, A-A-1274	5	Sep 96	GFE	Onboard
820	Wrench, Torque, 100-750 INLB, 2360928-2	2	Sep 96	GFE	Onboard
821	Wrench, Torque, 0-250 FTLB, TE250	3	Sep 96	GFE	Onboard
822	Wrench. Torque, 0-600FTLB, A-A-2411	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

823	Extractor, A42966	1	Sep 96	GFE	Onboard
824	Adapter, Torque, FRDH101	1	Sep 96	GFE	Onboard
825	Adapter, Torque, FRDH141	1	Sep 96	GFE	Onboard
826	Adapter, Torque, FRDH161	1	Sep 96	GFE	Onboard
827	Attachment, Crowfoot, FRH280	1	Sep 96	GFE	Onboard
828	Protector, Turbine, S3S14373000	1	Sep 96	GFE	Onboard
829	Fixture, Holding, S3S13109000	1	Sep 96	GFE	Onboard
830	Assembly, Fixture, S3S14302000	1	Sep 96	GFE	Onboard
831	Protector, HPC, S3S14423000	1	Sep 96	GFE	Onboard
832	Protector, LPC Diaphragm, S3S14482000	1	Sep 96	GFE	Onboard
833	Extractor, Adapter, S3S14537000	1	Sep 96	GFE	Onboard
834	Strap, Retaining, S3S14581000	1	Sep 96	GFE	Onboard
835	Kit, Wedge, S3S14583000	3	Sep 96	GFE	Onboard
836	Base, Bearing Housing, S3S14596000	1	Sep 96	GFE	Onboard
837	Base, Support, S3S14597000	1	Sep 96	GFE	Onboard
838	Fixture, Assembly, S3S14598000	1	Sep 96	GFE	Onboard
839	Kit, Borescope, S3S14631000	1	Sep 96	GFE	Onboard
840	Wrench, S3S14747000	2	Sep 96	GFE	Onboard
841	Protector, S3S17135000	1	Sep 96	GFE	Onboard
842	Protector, Relief Valve, S3S17137000	1	Sep 96	GFE	Onboard
843	Wrench, Spanner, S3S13874000	1	Sep 96	GFE	Onboard
845	Sling, Lifting, S3S14280000	1	Sep 96	GFE	Onboard
846	Holder, Blowoff Valve, S3S17198000	1	Sep 96	GFE	Onboard
847	Extractor, S3S17467000	1	Sep 96	GFE	Onboard
848	Fixture, Holding, S3S17490000	1	Sep 96	GFE	Onboard
850	Extractor, S3S17515000	1	Sep 96	GFE	Onboard
850	Adapter, Lift, Support, S3S18100000	1	Sep 96	GFE	Onboard
851	Extractor, Lift Tool, S3S18101000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

852	Protector, Laby, S3S18102000	1	Sep 96	GFE	Onboard
853	Container, S3S18103000	1	Sep 96	GFE	Onboard
854	Guide, Bullet, S3S18105000	1	Sep 96	GFE	Onboard
855	Protector, S3S18106000	1	Sep 96	GFE	Onboard
856	Cradle, Mobile S3S18107000	1	Sep 96	GFE	Onboard
857	Plate, Support, S3S18108000	1	Sep 96	GFE	Onboard
858	Adapter, Lifting, S3S18112000	1	Sep 96	GFE	Onboard
859	Extractor, Lifting, S3S18113000	1	Sep 96	GFE	Onboard
860	Kit, Borescope, S3S18114000	1	Sep 96	GFE	Onboard
861	Sling, Lifting, S3S18115000	1	Sep 96	GFE	Onboard
862	Pallet, Mobile, S3S18116000	1	Sep 96	GFE	Onboard
863	Wrench, Torque, S3S18117000	1	Sep 96	GFE	Onboard
864	Stand, Turnover, S3S18119000	1	Sep 96	GFE	Onboard
865	Extractor, S3S18120000	1	Sep 96	GFE	Onboard
866	Container, S3S18123000	1	Sep 96	GFE	Onboard
867	Extractor, Hydraulic, S3S18124000	1	Sep 96	GFE	Onboard
868	Box, Storage, S3S18125000	1	Sep 96	GFE	Onboard
869	Adapter, Lifting, S3S18126000	1	Sep 96	GFE	Onboard
870	Fixture, Support, S3S18127000	1	Sep 96	GFE	Onboard
871	Extractor, S3S18129000	1	Sep 96	GFE	Onboard
872	Adapter, Turnover, S3S18130000	1	Sep 96	GFE	Onboard
873	Stand, Turnover, S3S18131000	1	Sep 96	GFE	Onboard
874	Adapter, Lifting, S3S18132000	1	Sep 96	GFE	Onboard
875	Adapter, Turnover, S3S19133000	1	Sep 96	GFE	Onboard
876	Protector, S3S18134000	1	Sep 96	GFE	Onboard
877	Extractor, S3S18135000	1	Sep 96	GFE	Onboard
878	Extractor, S3S18136000	1	Sep 96	GFE	Onboard
879	Cart, Storage, S3S18138000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

880	Stand, Engine Turnover, S3S18139000	1	Sep 96	GFE	Onboard
881	Protector, S3S18140000	1	Sep 96	GFE	Onboard
882	Protector, S3S18141000	1	Sep 96	GFE	Onboard
883	Protector, S3S18142000	1	Sep 96	GFE	Onboard
884	Assembly Tool, Blading, S3S18143000	1	Sep 96	GFE	Onboard
885	Ring, Retaining, S3S18144000	1	Sep 96	GFE	Onboard
886	Retainer, Nut Set, S3S18146000	1	Sep 96	GFE	Onboard
887	Assembly Tool, Blading, S3S18147000	1	Sep 96	GFE	Onboard
888	Pin Set, Guide, S3S18148000	1	Sep 96	GFE	Onboard
889	Spanner, Torque, S3S18149000	1	Sep 96	GFE	Onboard
890	Fixture, Retain Ring, S3S18152000	1	Sep 96	GFE	Onboard
891	Adapter, LPC MRA, S3S18153000	1	Sep 96	GFE	Onboard
892	Plate, Rear, LPC, S3S18154000	1	Sep 96	GFE	Onboard
893	Ring, Support, S3S18158000	1	Sep 96	GFE	Onboard
894	Tester, Pressure, S3S18161000	1	Sep 96	GFE	Onboard
895	Adapter, Lifting, S3S181676000	1	Sep 96	GFE	Onboard
896	Extractor, Lifting, S3S18169000	1	Sep 99	GFE	Onboard
897	Pallet, S3S18170000	1	Sep 96	GFE	Onboard
898	Pallet Storage, S3S18171000	1	Sep 96	GFE	Onboard
899	Pallet, S3S18172000	1	Sep 96	GFE	Onboard
900	Set, Extraction, S3S18173000	1	Sep 96	GFE	Onboard
901	Adapter, Restraining, S3S18174000	1	Sep 96	GFE	Onboard
901	Ring, Assembly, S3S18175000	1	Sep 96	GFE	Onboard
903	Adapter, Lifting, S3S18176000	1	Sep 96	GFE	Onboard
904	Adapter, Lifting, S3S18178000	1	Sep 96	GFE	Onboard
905	Ring, Support, Blade, S3S18179000	1	Sep 96	GFE	Onboard
906	Adapter, Lifting, S3S18180000	1	Sep 96	GFE	Onboard
907	Protector, S3S18183000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

908	Cover, Support, S3S18184000	1	Sep 96	GFE	Onboard
909	Pallet, S3S1815000	1	Sep 96	GFE	Onboard
910	Adapter, Torque, S3S18187000	1	Sep 96	GFE	Onboard
911	Spanner, Torque, S3S18189000	1	Sep 96	GFE	Onboard
912	Stand, Maintenance, S3S18190000	1	Sep 96	GFE	Onboard
913	Adapter, Lifting, S3S18194000	1	Sep 96	GFE	Onboard
914	Protector, S3S18196000	1	Sep 96	GFE	Onboard
915	Protector, S3S18197000	1	Sep 96	GFE	Onboard
916	Protector, S3S18198000	1	Sep 96	GFE	Onboard
917	Protector, S3S18199000	1	Sep 96	GFE	Onboard
918	Plate Assembly, Lifting, S3S18200000	1	Sep 96	GFE	Onboard
919	Base, S3S18201000	1	Sep 96	GFE	Onboard
920	Retainer, Bolts, S3S18204000	1	Sep 96	GFE	Onboard
921	Adapter, Support, S3S18207000	1	Sep 96	GFE	Onboard
922	Support Assembly, S3S18208000	1	Sep 96	GFE	Onboard
923	Protector, S3S18215000	1	Sep 96	GFE	Onboard
924	Restrainer, S3S18218000	1	Sep 96	GFE	Onboard
925	Ring, Support, S3S18222000	1	Sep 96	GFE	Onboard
926	Adapter, Lifting, S3S18223000	1	Sep 96	GFE	Onboard
927	Container, S3S18224000	1	Sep 96	GFE	Onboard
928	Base, Strip/Build, S3S18225000	1	Sep 96	GFE	Onboard
929	Adapter, Lifting, S3S18226000	1	Sep 96	GFE	Onboard
930	Sling, Lifting, S3S18227000	1	Sep 96	GFE	Onboard
931	Base, Support, S3S18229000	1	Sep 96	GFE	Onboard
932	Sling, Lifting, S3S18245000	1	Sep 96	GFE	Onboard
933	Sling, Lifting, S3S18246000	1	Sep 96	GFE	Onboard
934	Sleeve, Support, S3S18249000	1	Sep 96	GFE	Onboard
935	Base, Mobile, S3S18250000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

936	Protector, S3S18256000	1	Sep 96	GFE	Onboard
937	Adapter, Blanking, S3S182678000	1	Sep 96	GFE	Onboard
938	Extractor, S3S18268000	1	Sep 96	GFE	Onboard
939	Fixture, Assembly, S3S18269000	1	Sep 96	GFE	Onboard
940	Kit, Turn, Motorized, S3S18281000	1	Sep 96	GFE	Onboard
941	Extractor, S3S18282000	1	Sep 96	GFE	Onboard
942	Adapter Ring, Lifting, S3S18284000	1	Sep 96	GFE	Onboard
943	Extractor, Lifting, S3S18285000	1	Sep 96	GFE	Onboard
944	Ring Assembly, Support, S3S18286000	1	Sep 96	GFE	Onboard
945	Sling, Lifting, S3S18289000	1	Sep 96	GFE	Onboard
946	Base, Build, S3S18290000	1	Sep 96	GFE	Onboard
947	Protector, S3S18295000	1	Sep 96	GFE	Onboard
948	Extractor, S3S18296000	1	Sep 96	GFE	Onboard
949	Protector, S3S18300000	1	Sep 96	GFE	Onboard
950	Cradle, S3S18301000	1	Sep 96	GFE	Onboard
951	Adapter, Pressure Test, S3S18302000	1	Sep 96	GFE	Onboard
952	Extractor, S3S18303000	1	Sep 96	GFE	Onboard
953	Adapter, Torque, S3S18305000	1	Sep 96	GFE	Onboard
954	Adapter, Lifting, S3S18310000	1	Sep 96	GFE	Onboard
955	Unit, Heater, S3S18311000	1	Sep 96	GFE	Onboard
956	Clamp, S3S18312000	1	Sep 96	GFE	Onboard
957	Adapter, Support, S3S18345000	1	Sep 96	GFE	Onboard
958	Extractor, S3S18346000	1	Sep 96	GFE	Onboard
959	Tool, Insertion, S3S18317000	1	Sep 96	GFE	Onboard
960	Adapter, Support, S3S18318000	1	Sep 96	GFE	Onboard
961	Cradle, S3S18319000	1	Sep 96	GFE	Onboard
962	Holder, Retain Bolt, S3S18320000	1	Sep 96	GFE	Onboard
963	Base, Deblading, S3S18321000	1	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

964	Base, Support, S3S18322000	1	Sep 96	GFE	Onboard
965	Adapter, Assembly, S3S18323000	1	Sep 96	GFE	Onboard
966	Handle, Lift, S3S18328000	1	Sep 96	GFE	Onboard
967	Plate, Build, S3S18329000	1	Sep 96	GFE	Onboard
968	Extractor, S3S18330000	1	Sep 96	GFE	Onboard
969	Kit, Inhibiting, S3S18331000	1	Sep 96	GFE	Onboard
970	Adapter, Lifting, S3S18332000	1	Sep 96	GFE	Onboard
971	Pin, Guide, S3S18337000	1	Sep 96	GFE	Onboard
972	Drift, S3S18338000	1	Sep 96	GFE	Onboard
973	Assembly, Puller, S3S18340000	1	Sep 96	GFE	Onboard
974	Extractor, S3S18341000	1	Sep 96	GFE	Onboard
975	Adapter, Torque, S3S18243000	1	Sep 96	GFE	Onboard
976	Wrench, Holding, S3S18344000	1	Sep 96	GFE	Onboard
977	Puller, Blade, S3S18346000	4	Sep 96	GFE	Onboard
978	Adapter, Lifting, S3S18352000	1	Sep 99	GFE	Onboard
979	Kit, Wrench, Assembly, S3S18355000	1	Sep 96	GFE	Onboard
980	Piece, Distance, S3S18356000	1	Sep 96	GFE	Onboard
981	Set, Retain Ring, S3S18358000	1	Sep 96	GFE	Onboard
982	Adapter, Lifting, S3S18359000	1	Sep 96	GFE	Onboard
983	Sling, Lifting, S3S18364000	1	Sep 96	GFE	Onboard
984	Tool, Support, S3S18372000	1	Sep 96	GFE	Onboard
985	Support, Blade, S3S18373000	1	Sep 96	GFE	Onboard
986	Adapter, Support, S3S18374000	1	Sep 96	GFE	Onboard
987	Protector, S3S18377000	1	Sep 96	GFE	Onboard
988	Set, Guide Pin, S3S18378000	1	Sep 96	GFE	Onboard
989	Tool, Assembly, S3S18379000	1	Sep 96	GFE	Onboard
990	Tool, Assembly, S3S18381000	1	Sep 96	GFE	Onboard
991	Extractor, S3S18382000	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

992	Extractor, S3S18383000	1	Sep 96	GFE	Onboard
993	Extractor, S3S18384000	1	Sep 96	GFE	Onboard
994	Tool, Assembly, S3S18385000	1	Sep 96	GFE	Onboard
995	Kit, Leg, Support, S3S18386000	1	Sep 96	GFE	Onboard
996	Protector, S3S18387000	1	Sep 96	GFE	Onboard
997	Protector, S3S18388000	1	Sep 96	GFE	Onboard
998	Protector, S3S1839000	1	Sep 96	GFE	Onboard
999	Protector, S3S18390000	1	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-602-4893, Fixed Wing Electrical/Instrument Systems Intermediate Maintenance Course  
(Track M-602-6432)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
526	Load Sensor, Throttle, 74A650060-1001	3	Sep 96	GFE	Onboard
527	Generator, Control, 949F858-1	2	Sep 96	GFE	Onboard
528	Generator, Control, 949F858-1	2	Sep 96	GFE	Onboard
529	Generator, Alternating Current, 948F445-4	2	Sep 96	GFE	Onboard
530	Generator, Alternating Current, BAF1201	2	Sep 96	GFE	Onboard
531	Assembly, Circuit Card, 948F729-4	1	Sep 96	GFE	Onboard
532	Assembly, Circuit Card, 949F644-1	1	Sep 96	GFE	Onboard
533	Clamp, Coupling, B499571	1	Sep 96	GFE	Onboard
534	Clamp, Coupling, Grooved, 153C7557P4	1	Sep 96	GFE	Onboard
535	Inverter, Power, Static, 501-1243-01	1	Sep 96	GFE	Onboard
<b>GPTE</b>					
536	Power Supply, DC, JOE36-3M	1	Sep 96	GFE	Onboard
537	Test Set, Generator MA-3, CSD Test Stand, 368A-75-D600	1	Sep 96	GFE	Onboard
538	Bridge, Capacitance, 1658-9700	1	Sep 96	GFE	Onboard
539	Analyzer, Distortion, 3501A	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

540	Oscilloscope, TDS320-02-NV	2	Sep 96	GFE	Onboard
541	Monitor Set, Vibration, 74D420044-1001	1	Sep 96	GFE	Onboard
542	Test Set, Semi Conduct, 51105013	1	Sep 96	GFE	Onboard
543	/Load Bank Set, Elect, K617/D15167	1	Sep 96	GFE	Onboard
544	Counter, Frequency, 53131A-010-030-H09	1	Sep 96	GFE	Onboard
545	Voltmeter, True RMS, 323-07M40	1	Sep 96	GFE	Onboard
546	Test Set, Generator, 293E413G1	1	Sep 96	GFE	Onboard
547	Test Set, Phase Angi, 321	2	Sep 96	GFE	Onboard
548	Test Set, Sensor, 74D570002-1001	1	Sep 96	GFE	Onboard
549	Multimeter, 77/BN	4	Sep 96	GFE	Onboard
550	Generator, Function, 145-S-872	1	Sep 96	GFE	Onboard
551	Charger, Battery, 2400A-2	1	Sep 96	GFE	Onboard
552	Charger, Battery, 1410-2	1	Sep 96	GFE	Onboard
553	Assembly, Accelerometer, 74D421043-100-	2	Sep 96	GFE	Onboard
554	Test Set, Generator, 85600250	1	Sep 96	GFE	Onboard
555	Recorder, Group, 15-6327-572601	1	Sep 96	GFE	Onboard
556	Test Set, Inverter, 510-1054-01	1	Sep 96	GFE	Onboard
566	Heater, Flange Tube, 36A424054G1	1	Sep 96	GFE	Onboard
567	Alignment Rod, Generator, 153C7169P2	3	Sep 96	GFE	Onboard
<b>ST</b>					
557	Driver, Plug, Retaining, 153D8195G1	1	Sep 96	GFE	Onboard
558	Gage, Spline Wear Ro, 36A424080P1	1	Sep 96	GFE	Onboard
559	Wrench, Torque, GGG-W-00686	1	Sep 96	GFE	Onboard
560	Transformer, Current, 9016D12-3	1	Sep 96	GFE	Onboard
561	Test Set, Two Speed, 737399A	1	Sep 96	GFE	Onboard
562	Adapter Set, Generator, 74D420015-1001	1	Sep 96	GFE	Onboard
563	Fixture, Generator, Removal, 36A424056G1	1	Sep 96	GFE	Onboard
564	Adapter Set, Generator, 75D420005-1001	1	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

565	Adapter, Plate Assembly, PE15999	1	Sep 96	GFE	Onboard
568	Demodulator, CCA A5, 153D8487G1	1	Sep 96	GFE	Onboard
569	Power Supply, CCA A3, 153D8485G2	1	Sep 96	GFE	Onboard
570	Self Test, AAC A2, 153D8486G2	1	Sep 96	GFE	Onboard
571	Over-voltage Protect, CCA, 153D848G1	1	Sep 96	GFE	Onboard
572	Gloves, Heat Protect, MIL-G-44013	2	Sep 96	GFE	Onboard
573	Goggles, Industrial, GG-G-521	8	Sep 96	GFE	Onboard
574	Probe, Oscilloscope, 9986573-2	2	Sep 96	GFE	Onboard
575	Ground Kit, Static Control, 4560901	1	Sep 96	GFE	Onboard
576	Cabinet, Tool, Mobile, KRA-341C	1	Sep 96	GFE	Onboard
844	Sling, Lifting, S3S17143000	1	Sep 96	GFE	Onboard

**CIN, COURSE TITLE:** C-646-3105, Aviation Ordnance Intermediate Maintenance Technician Course (Track M-646-7026)

**TRAINING ACTIVITY:** VMAT-203 MTU 4034 (FREST) (To be renamed NAMTRA MARUNIT MTU 4034 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
313	Pylon, Aircraft SUU-62, 74A735001-1017	2	Sep 96	GFE	Onboard
92	Launcher, Guided Missile, 3384400-120	4	Sep 96	GFE	Onboard
93	Launcher, Guided Missile, 704AS4169-1	4	Sep 96	GFE	Onboard
288	Launcher, Guided Missile LAU-115/A, 74A730351-1003	4	Sep 96	GFE	Onboard
289	Launcher, Guided Missile LAU-116/A, 74A730301-1007	2	Sep 96	GFE	Onboard
290	Rack, Bomb Ejector AERO-7A-5, 302AS200	4	Sep 96	GFE	Onboard
291	Rack Assembly, Ejector BRU-32/A, J013400-531	4	Sep 96	GFE	Onboard
292	Rack Assembly, Vertical Ejector BRU-33/A, J014000-541	4	Sep 96	GFE	Onboard
293	Rack, Improved TRPL Ejector BRU-42/A, 1348AS500	4	Sep 96	GFE	Onboard
294	Adapter, Missile Launcher ADU-299A/A, 564AS100-1	4	Sep 96	GFE	Onboard
295	Receiver Assembly, Nitrogen, 58A164D863	4	Sep 96	GFE	Onboard
296	Gun System, 20MM Link F/A-18 AC, 211F930	2	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

297	Gun, M197 Automatic, 11838579	2	Sep 96	GFE	Onboard
298	Fixture, Feed Unit, 11838602	2	Sep 96	GFE	Onboard
299	Feeder, M-89E-1 Delinking, 12007300	2	Sep 96	GFE	Onboard
300	Launcher, LAU 7 A-6, 58A164874	4	Sep 96	GFE	Onboard
301	Rack, Bomb Ejector BRU-20A, 291AS405	4	Sep 96	GFE	Onboard
302	Rack, Bomb Ejector BRU-23/A, 291AS415	2	Sep 96	GFE	Onboard
303	Rack, Aircraft Store Ejector, 15-004-001-5	4	Sep 96	GFE	Onboard
304	Power Supply LAU-7 A-6, 60A89D500	4	Sep 96	GFE	Onboard
305	BRU 22-A, 291AS410	2	Sep 96	GFE	Onboard
306	Launcher, M272 Hell-Fire, 13009444	2	Sep 96	GFE	Onboard
307	Launcher, Tow Missile, 3234008-110	2	Sep 96	GFE	Onboard
308	Gun System, 25MM A/C, 1395AS101	2	Sep 96	GFE	Onboard
309	Transfer/Turnaround, 1395AS667	2	Sep 96	GFE	Onboard
310	Turrent, Armament, 218F457	4	Sep 96	GFE	Onboard
311	Rack, Bomb Ejector BRU-36, MD31623-3500	4	Sep 96	GFE	Onboard
312	Launcher, Guided Missile LAU-127, 3820470-135	4	Sep 96	GFE	Onboard
314	Pylon, Aircraft SUU-63, 74G735001-1005	2	Sep 96	GFE	Onboard
315	Replenisher, Ammo, 3141AS500-1	2	Sep 96	GFE	Onboard
316	Loader, Ammo, 3141AS798-1	2	Sep 96	GFE	Onboard
317	Adapter, Recoil, 105D3853	2	Sep 96	GFE	Onboard
318	Slider Assembly, 167C1557	2	Sep 96	GFE	Onboard
319	Drive Assembly, 117D2954	2	Sep 96	GFE	Onboard
320	Launcher, Guided Missile LAU-16-A, AW-394AC-750-010	2	Sep 96	GFE	Onboard
321	Launcher, Guided Missile LAU-7 C/A, 3455AS100	2	Sep 96	GFE	Onboard
322	Conveyor Assembly, Munitions, 8457540-10	1	Sep 96	GFE	Onboard
<b>GPTE</b>					
0015	Multimeter, Digital, 27-AN	2	Sep 96	GFE	Onboard
112	Multimeter, 77/BN	4	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

323	Tester, MK III Rocket Launcher, 1154090-2	2	Sep 96	GFE	Onboard
324	Test Set, GM Launcher AN/AWM-90, 1271AS4000	2	Sep 96	GFE	Onboard
325	Test Set, Launcher Detent LAU-118, 704AS4050-1	2	Sep 96	GFE	Onboard
326	Test Set, Launcher Detent A/E99T-18, 120AS100	2	Sep 96	GFE	Onboard
327	Indicator, Rate of Flow GMU-24/A, 61A91D100	2	Sep 96	GFE	Onboard
328	Tester, Leakage/Pressure TTU-246/E, 61A17D1	2	Sep 96	GFE	Onboard
329	Test Set, Bomb/Eject Rack/ECU AN/AWM-94, 1532AS2000	2	Sep 96	GFE	Onboard
330	Test Set, Gun System, 139AS1548	2	Sep 96	GFE	Onboard
331	Test Kit, Pneumatic, 1395AS849	2	Sep 96	GFE	Onboard
332	Fixture, Checking CO, 1395AS555	2	Sep 96	GFE	Onboard
333	Fixture, Checking SP, 1395AS569	2	Sep 96	GFE	Onboard
334	Fixture, Checking SP, 1395AS565	2	Sep 96	GFE	Onboard
335	Fixture, Checking, 1395AS1557	2	Sep 96	GFE	Onboard
336	Fixture, Gun Insert, 1395AS691	2	Sep 96	GFE	Onboard
337	Fixture, Bolt Assembly, 1395AS694	2	Sep 96	GFE	Onboard
338	Fixture, Checking SP, 1395AS620	2	Sep 96	GFE	Onboard
339	Fixture, Checking SP, 1395AS624	2	Sep 96	GFE	Onboard
340	Fixture, Checking SP, 1395AS628	2	Sep 96	GFE	Onboard
341	Gauge Set, Max Rounds, 1732AS300	2	Sep 96	GFE	Onboard
342	Gage, Firing Pin, 1395AS692	2	Sep 96	GFE	Onboard
343	Fixture, Checking, 1395AS852	2	Sep 96	GFE	Onboard
344	Caliper, Venire 0-24, GGG-C-111	2	Sep 96	GFE	Onboard
345	Adapter Kit, M10(T23) Barrel Erosion Gage, 7249506	2	Sep 96	GFE	Onboard
346	Common Rack, T/S & L, 3260AS100-1	6	Sep 96	GFE	Onboard
347	Adapter, Test, W21, 3260AS701-1	4	Sep 96	GFE	Onboard
348	Adapter, Test, W24, 3260AS701-1	4	Sep 96	GFE	Onboard
349	Adapter, test, W25, 3260AS705-1	4	Sep 96	GFE	Onboard
350	Adapter, Test, W26, 3260AS706-1	4	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

351	Adapter, Test, W27, 3260AS707-1	4	Sep 96	GFE	Onboard
352	Adapter, Test, W28, 3260AS708-1	4	Sep 96	GFE	Onboard
353	Adapter, Test, W31, 3260AS711-1	4	Sep 96	GFE	Onboard
354	Adapter, Test, W32, 3260AS712-1	4	Sep 96	GFE	Onboard
355	Adapter, Test, W33, 3260AS713-1	4	Sep 96	GFE	Onboard
356	Adapter, Test, W34, 3260AS714-1	4	Sep 96	GFE	Onboard
357	Adapter, Test, W38, 3260AS717-1	4	Sep 96	GFE	Onboard
358	Adapter, Test, W39, 3260AS718-1	4	Sep 96	GFE	Onboard
359	Adapter, Test, W42, 3260AS721-1	4	Sep 96	GFE	Onboard
360	Adapter, Test, W47, 3260AS726-1	4	Sep 96	GFE	Onboard
361	Adapter, Test, W48, 3260AS727-1	4	Sep 96	GFE	Onboard
362	Adapter, Test, W49, 3260AS728-1	4	Sep 96	GFE	Onboard
363	Tester, Bomb Rack, Load A/F48T-5, 1401AS100-1	1	Sep 96	GFE	Onboard
364	Checking Fixture, Conveyor Ammo, 1395AS1557	2	Sep 96	GFE	Onboard
431	Cradle, Universal, Small MHU-63/E, 2560340	4	Sep 96	GFE	Onboard
432	Cradle, Universal, Large MHU-65/E, 2560341	4	Sep 96	GFE	Onboard
433	Cradle, Sidewinder MHU-61/E, 7002M0006	2	Sep 96	GFE	Onboard
434	Adapter, Skid, Trailer AERO-74A, 64A98E100-1	4	Sep 96	GFE	Onboard
435	Skid, Platform MHU-125/E, 1330AS100-1	4	Sep 96	GFE	Onboard
436	Adapter, Skid, AERO-58A, 64A114D17-1	4	Sep 96	GFE	Onboard
437	Adapter, Soft Belt, AERO-64A, 1567575	4	Sep 96	GFE	Onboard
438	Adapter, Height, ADU-359/E, 554AS100	4	Sep 96	GFE	Onboard
439	Adapter, Missile ADU-600/E, 1245AS600-1	4	Sep 96	GFE	Onboard
440	Adapter, Missile ADU-574/E, 1517AS106-1	1	Sep 96	GFE	Onboard
441	Adapter, Missile ADU-575/E, 1517AS107-1	1	Sep 96	GFE	Onboard
442	Adapter, Hook MK 91 MOD, 2643315	1	Sep 96	GFE	Onboard
443	Adapter, Roller ADU-405/E, 64A114C134-1	4	Sep 96	GFE	Onboard
444	Carrier, Weapons MK 51, 651AS100	2	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

445	Beam, Handling, 1732AS100	2	Sep 96	GFE	Onboard
446	Adapter, Gun Rotor, 1395AS670	2	Sep 96	GFE	Onboard
447	Stand, Maintenance, Gun, 1395AS690	2	Sep 96	GFE	Onboard
448	Stand, Maintenance, 1395AS697	2	Sep 96	GFE	Onboard
449	Stand, Maintenance, 1395AS563	2	Sep 96	GFE	Onboard
450	Stand, Maintenance, 1395AS564	2	Sep 96	GFE	Onboard
451	Tank, Pressure, 1732AS500	2	Sep 96	GFE	Onboard
452	Adapter, Gun Handling, 74D750013-1003	2	Sep 96	GFE	Onboard
454	Sling, Aircraft Main, 1245100-1	2	Sep 96	GFE	Onboard
455	Fixture, Slide Plate Main BRU-32/A, 1534AS100AF4-2	4	Sep 96	GFE	Onboard
455	Fixture, Slide Plate Main BRU-33/A, 5943665-1	4	Sep 96	GFE	Onboard
456	Fixture, Checking, 132D1727	2	Sep 96	GFE	Onboard
457	Fixture, Aircraft Main, 105D3623	2	Sep 96	GFE	Onboard
458	Fixture, Checking, 117D2305	2	Sep 96	GFE	Onboard
459	Fixture Assembly, 20MM, 7274771	2	Sep 96	GFE	Onboard
460	Fixture, Gun Assembly, 11838615	2	Sep 96	GFE	Onboard
461	Adapter, Gun Feed, 1395AS695	2	Sep 96	GFE	Onboard
462	Applicator, Ring, 1395AS816	2	Sep 96	GFE	Onboard
463	Puller, Muzzle Clamp, 1395AS629	2	Sep 96	GFE	Onboard
464	Adapter Assembly, 1395AS560	2	Sep 96	GFE	Onboard
465	Fixture, Checking, 132D1732	2	Sep 96	GFE	Onboard
466	Fixture, Gear Timing, 132D1856	2	Sep 96	GFE	Onboard
467	Cradle, Gun System, 75D750012-1001	4	Sep 96	GFE	Onboard
468	Stand, Turret, Assembly-Disassembly, 219F373	2	Sep 96	GFE	Onboard
469	Adapter, Gun, 5525133	2	Sep 96	GFE	Onboard
470	Carrier, Weapons MK49MOD1, 808AS100	2	Sep 96	GFE	Onboard
471	Bar, Hoisting, Bomb HLU-286/E, 1171AS100-1	2	Sep 96	GFE	Onboard
472	Tool Kit, Rocket Assembly, 233AS250	2	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

##### ST

412	Wrench, Torque 100-750 IN/LBS, 8139487	2	Sep 96	GFE	Onboard
416	Wrench, Torque 0-100 IN/LBD, 1556707	2	Sep 96	GFE	Onboard
365	Gauge, Go-No-Go, 10480	2	Sep 96	GFE	Onboard
366	Socket Wrench, Piston Retainer, 74D750035-1001	2	Sep 96	GFE	Onboard
367	Spacer Tool, Dummy CTG	8	Sep 96	GFE	Onboard
368	Insert Assembly, Ele, 917AS702	4	Sep 96	GFE	Onboard
369	Removal Tool, Bushing, 1409AS112	2	Sep 96	GFE	Onboard
370	Fixture Assembly, Compression, 64A17D30	4	Sep 96	GFE	Onboard
371	Fixture Assembly, Launcher, 64A17C50	8	Sep 96	GFE	Onboard
372	Block, Detent Locking, 64A17B21	4	Sep 96	GFE	Onboard
373	Gauge, Aft Snubber (Maximum), 64A17C72	4	Sep 96	GFE	Onboard
374	Gauge, Aft Snubber (Minimum), 64A17C104	4	Sep 96	GFE	Onboard
375	Gauge, Fwd Snubber (Maximum), 64A17C101	4	Sep 96	GFE	Onboard
376	Gauge, Umbilical, 64A17D80	4	Sep 96	GFE	Onboard
377	Tool, Installation/Removal, Att. Bolt, 64A17C117	2	Sep 96	GFE	Onboard
378	Tool, Installation/Removal, Power Supply, 1517500	2	Sep 96	GFE	Onboard
379	Tool, Installation/Removal, Ret Ring, 64A17C118	2	Sep 96	GFE	Onboard
380	Wrench, Nitrogen Receiver, 1517501	2	Sep 96	GFE	Onboard
381	Pin, Quick Release, 58A164D798	4	Sep 96	GFE	Onboard
382	Hook, Retainer Assembly, 56A47C68	4	Sep 96	GFE	Onboard
383	Spacer Sleeve, Ground Safety Handle, 4943867-1	4	Sep 96	GFE	Onboard
384	Mechanical Puller, Ejector Conduit Assembly, 5943860-1	4	Sep 96	GFE	Onboard
385	Spacer Sleeve, Dummy Cartridge, 4943866-1	4	Sep 96	GFE	Onboard
386	Wrench, Spanner, ST L 1848A	2	Sep 96	GFE	Onboard
387	Pin, Quick Release, MS17986-1050	4	Sep 96	GFE	Onboard
388	Holder, Spring, 3943865-1	4	Sep 96	GFE	Onboard
389	Tool, Spring Compression, 3943864-1	2	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

390	Tool, BRU-33/A Alignment	2	Sep 96	GFE	Onboard
391	Tester, Spring Resile, L30	2	Sep 96	GFE	Onboard
392	Wrench, Breech Cap Plug Assembly, 3825733-501	2	Sep 96	GFE	Onboard
393	Guide Bar, Gauge Assembly, 189F485	2	Sep 96	GFE	Onboard
394	Chute, Element Load, 176F615	2	Sep 96	GFE	Onboard
395	Gage, Go-No-Go, 176C1605	2	Sep 96	GFE	Onboard
396	Tool, Lock Plate, 105D3625	2	Sep 96	GFE	Onboard
397	Gauge, Fwd Snubber (Minimum), 64A17C71	4	Sep 96	GFE	Onboard
398	Rod, Cleaning, Small, 8766012	2	Sep 96	GFE	Onboard
399	Brush, Bore 20MM, Cleaning Small Arms, 7225087	2	Sep 96	GFE	Onboard
400	Tool, Removal, 58A164D823	2	Sep 96	GFE	Onboard
401	Pin, Ground Safety, 106005-1	4	Sep 96	GFE	Onboard
402	Socket, Headscrew Key, 106006-1	4	Sep 96	GFE	Onboard
403	Tool, Cocking, 173AS410	2	Sep 96	GFE	Onboard
404	Gage, Breech Space, 889C911G1	2	Sep 96	GFE	Onboard
405	Gauge, Striker Point, 64A17C40	4	Sep 96	GFE	Onboard
406	Fixture, Holding, 114C3004	2	Sep 96	GFE	Onboard
407	Puller, Mechanical, GGGP00781	2	Sep 96	GFE	Onboard
408	Packer, Main Bearing, 1732AS575	2	Sep 96	GFE	Onboard
409	Gauge, Backlash, 217F938	1	Sep 96	GFE	Onboard
410	Wrench, Torque 0-600 IN-LBS, A-A-2411	3	Sep 96	GFE	Onboard
411	Wrench, Torque 150-750 IN/LBS, GGG-W-2843	2	Sep 96	GFE	Onboard
413	Wrench, Torque 0-150 IN/LBS, GGG-W-2843	2	Sep 96	GFE	Onboard
414	Section Assembly, Brush, 8766014	2	Sep 96	GFE	Onboard
415	Micrometer, Depth, GGG-C-105	2	Sep 96	GFE	Onboard
417	Caliper, Micrometer, Outside (1"), PMF109	4	Sep 96	GFE	Onboard
418	Checking Fixture, Feeder Assembly, 105D3867	2	Sep 96	GFE	Onboard
419	Element Load, Chute Assembly, 176C1534	2	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

420	Checking Fixture, Pickoff Unit, 105D3866	2	Sep 96	GFE	Onboard
421	Wrench Set, Socket, 1732AS400	2	Sep 96	GFE	Onboard
422	Wrench, Adapter Span, 923AS219	2	Sep 96	GFE	Onboard
423	Tool, Firing Lever Pin, 1732AS480	2	Sep 96	GFE	Onboard
424	Compressor Assembly, Detent, 64A17D20	4	Sep 96	GFE	Onboard
425	Adapter, Connector, 917AS8809	4	Sep 96	GFE	Onboard
426	Assembly, Pump and Hose, 556136-1	2	Sep 96	GFE	Onboard
427	Tool, Wing Actuator, MK83, 876413-3	2	Sep 96	GFE	Onboard
428	Replacement Kit, Blind Nut, BH25B 9Q	1	Sep 96	GFE	Onboard
429	Mandrel, M2-1032	1	Sep 96	GFE	Onboard
430	Mandrel, M2-12	1	Sep 96	GFE	Onboard
473	Shield, Face, A-A-1770	21	Sep 96	GFE	Onboard
474	Chest, Mechanics, GGG-T-588/5	4	Sep 96	GFE	Onboard
475	Cabinet, Tool, Mobile, AA-C-45	14	Sep 96	GFE	Onboard
476	Glasses, Safety, A-A-1995	21	Sep 96	GFE	Onboard
477	Table, Electrical Test and Maintenance, 436L	6	Sep 96	GFE	Onboard
478	Dispenser, SUU-25F/A, L111	2	Sep 96	GFE	Onboard
479	Retarder, Inflatable, 1W73	2	Sep 96	GFE	Onboard
480	Hellfire, Dummy Missile M-34, 2W59	2	Sep 96	GFE	Onboard
481	Maverick, Dummy Guided Missile, 2W90	2	Sep 96	GFE	Onboard
482	TALD, Decoy, 4W38	2	Sep 96	GFE	Onboard
483	Bomb, Fire MK77, E134	2	Sep 96	GFE	Onboard
484	Bomb, GP Inert MK83, E511	2	Sep 96	GFE	Onboard
485	Dispenser, Bomb, ACFT MK20MOD3, E808	2	Sep 96	GFE	Onboard
486	Bomb, Practice MK106/BDU-48/B, E962	4	Sep 96	GFE	Onboard
487	Bomb, Practice MK76, E973	4	Sep 96	GFE	Onboard
488	Bomb, GP BDU-45 Inert, F017	6	Sep 96	GFE	Onboard
489	Wire Assembly, Arming MK3, F448	200	Sep 96	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

490	Fin Assembly, BSU-86/B, F766	2	Sep 96	GFE	Onboard
491	Fib Assembly, BSU-33A/B, F780	2	Sep 96	GFE	Onboard
492	Fuse, Bomb, Nose M904E2, F919	4	Sep 96	GFE	Onboard
493	Adapter, Spotting Charge, FW44	4	Sep 96	GFE	Onboard
494	Plug, Solid Nose, Steel MXU-735/B, FW90	6	Sep 96	GFE	Onboard
495	Switch, Arming Safety MK122, GW03	4	Sep 96	GFE	Onboard
496	Launcher, LAU-61C/A, H121	2	Sep 96	GFE	Onboard
497	Launcher, LAU-68D/A, H122	2	Sep 96	GFE	Onboard
498	Launcher, LAU-10D/A, H142	2	Sep 96	GFE	Onboard
499	Rocket Motor, Inert MK66MOD2, H308	52	Sep 96	GFE	Onboard
500	Warhead, 2.75 Inch Inert, H663	52	Sep 96	GFE	Onboard
501	Warhead, 5.00 Inch Inert, H886	8	Sep 96	GFE	Onboard
502	Missile Cover, Guided, Tow Dummy, SK2142-TOW-001	2	Sep 96	GFE	Onboard
503	Flare, AC Parachute LUU-2B/B Inert, L431	16	Sep 96	GFE	Onboard
504	Kit, Flare Adapter, 7027657-10	8	Sep 96	GFE	Onboard
505	Missile, Guided, Dummy DATM9L-2, 639AS6566	2	Sep 96	GFE	Onboard
506	Simulator, DATM-7F, 917AS7046	2	Sep 96	GFE	Onboard
507	Dispenser and Mine, CBU Gator, 1183AS102	2	Sep 96	GFE	Onboard
508	Motor, Rocket MK1MOD1, DL318AS200	8	Sep 96	GFE	Onboard
509	Clip, Restrainer, 3192382	100	Sep 96	GFE	Onboard
510	Warhead, 2.75 Inch Illumination, H812	4	Sep 96	GFE	Onboard
511	Fuse MK188F, 5.00 Inch Warhead, J345	8	Sep 96	GFE	Onboard
512	Adapter, Booster T45, F402	12	Sep 96	GFE	Onboard
513	Fin Assembly, F/MK83GP Bomb, F642	2	Sep 96	GFE	Onboard
514	Detecting Device, Target MK43, G282	2	Sep 96	GFE	Onboard
515	Initiator, Firebomb MK13, DL2601820	4	Sep 96	GFE	Onboard
516	Ammunition, 25MM Dummy, 1305-A968	12	Sep 96	GFE	Onboard
517	Fuse Assembly, Bomb DUMMFMU-139, F811	6	Sep 96	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

518	CCG MAU-169A/A, Inert GBU-16, FW92	2	Sep 96	GFE	Onboard
519	AFG MXU-667/B, GBU-16, FW95	2	Sep 96	GFE	Onboard
520	Pin, Shear F/SUU-25FA, LY57	100	Sep 96	GFE	Onboard
521	Shield, Rad-Haz, F/Tow, JW83	4	Sep 96	GFE	Onboard
522	CATM-120/B AMRAAM, BWDF	2	Sep 96	GFE	Onboard
523	MAU-166 F/GBU, 65C12057	6	Sep 96	GFE	Onboard
524	MAU-182 Swivel, LW04	8	Sep 96	GFE	Onboard
525	Trainer, Smokey SAM DGTR-18A, H316	2	Sep 96	GFE	Onboard

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Operational Flight Trainer (OFT), 2F133  
**DESCRIPTION:** The AV-8B OFT 2F133 consists of a full size domed replica of the AV-8B cockpit as the trainee station, mounted on a fixed buffet base, an Instructor-Operator Station (IOS) containing a host computer, a power supply, and associated peripherals. A Projection Display System (PDS), which is initiated, controlled, and monitored by the IOS, projects optical visual scenes onto the dome screen during the training session. All controls and indicators which appear in the aircraft are provided in the OFT. The performance, flying qualities, aircraft systems, electronic equipment, instrument response and control reactions are designed to simulate the actual AV-8B aircraft. The OFT provides training in the development of those Pilot skills and techniques required to effectively fly the AV-8B aircraft. Takeoff/landing, normal flight enveloped, en route low altitude tactical navigation and land/water-based operations are accurately simulated to include the following: vertical, rolling vertical, short and conventional takeoff/landing, ski-jump takeoff and associated acceleration/deceleration transition characteristics. Training is available for both normal and emergency conditions to provide proficiency in the operation of controls, interpretation of instruments and displays, navigation, and communications systems.

**MANUFACTURER:** McDonnell Douglas Aircraft Corporation  
**CONTRACT NUMBER:** N68335-93-G-0159  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	NA1 Pilot Category 1 and 2 NA3 Pilot Category 3 NA4 Pilot Category 4 NA2 Instructor Under Training

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Weapons Systems Trainer (WST), 2F149  
**DESCRIPTION:** The AV-8B WST 2F149 consists of a full size domed replica of the AV-8B Day Attack aircraft cockpit as the trainee station, mounted on a fixed buffet base, an Instructor-Operator Station (IOS) containing a host computer, a power supply, and associated peripherals. A PDS, which is initiated, controlled, and monitored by the IOS, projects optical visual scenes onto the dome screen during the training session. All controls and indicators that appear in the aircraft are provided in the WST. The performance of the aircraft systems, electronic equipment, instrument response and control reactions are designed to simulate the actual AV-8B Day Attack aircraft. The WST simulates the aircraft flight envelope including takeoff and landing and is used to train Pilots in weapons delivery, low altitude tactical navigation, Angle Rate Bombing System (ARBS) imagery, Electronic Countermeasures (ECM), and Communications. Training is available for both normal and emergency conditions including takeoff and landing to provide proficiency in the operation of controls, interpretation of instruments and displays, operation of Communication, Navigation, and Identification (CNI), and operation of weapons systems.

**MANUFACTURER:** McDonnell Douglas Aircraft Corporation  
**CONTRACT NUMBER:** N61339-82-C-0022  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	NA1 Pilot Category 1 and 2 NA3 Pilot Category 3 NA4 Pilot Category 4 NA2 Instructor Under Training

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Night Attack Weapons Systems Trainer (NAWST), 2F150  
**DESCRIPTION:** The AV-8B NAWST 2F150 consists of a full size domed replica of the AV-8B Night Attack aircraft cockpit as the trainee station, mounted on a fixed buffet base, an Instructor-Operator Station (IOS) containing a host computer, a power supply, and associated peripherals. A PDS, which is initiated, controlled, and monitored by the IOS projects optical visual scenes onto the dome screen during the training session. All controls and indicators that appear in the aircraft are provided in the WST. The performance of the aircraft systems, electronic equipment, instrument response and control reactions are designed to simulate the actual AV-8B Night Attack Aircraft. The NAWST is designed to provide Pilot training to develop the skills and techniques to effectively fly the AV-8B Night Attack aircraft during day and night operations. The NAWST provides normal, emergency, alternate and degraded modes of operation during all phases of flight, including engine start up and shutdown on the ground, takeoff and landing. The NAWST provides Pilot training in vertical takeoff/landing, short field take/landing, conventional takeoff/landing, Night Vision Goggle System, Forward Looking Infrared (FLIR) imagery system, ARBS, weapon delivery (air-to ground and air-to-air), CNI, Digital Map Set (DMS), Digital Data Set (DDS), and the Multipurpose Color Display (MPCD). The device is capable of simulating those environmental factors critical to the night attack mission while using the Night Vision Goggle System, including illumination levels, moon angles, terrain, and visibility.

**Note:** MPCD will become Advanced Mult Purpose Color Display (AMPDCD) when ECP 306 is incorporated.

**MANUFACTURER:** McDonnell Douglas Aircraft Corporation  
**CONTRACT NUMBER:** N61339-82-C-0022  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MAG-13  
**LOCATION, UIC:** MCAS Yuma, Arizona, 09041

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	NA3 Pilot Category 3 NA4 Pilot Category 4

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Radar Night Attack Weapons Systems Trainer (RNAWST) 2F150A  
**DESCRIPTION:** The AV-8B RNAWST 2F150A has the exact same characteristics as the AV-8B NAWST 2F150 with the exception of the AN/APG-65(V)2 Radar System added. The RNAWST is designed to simulate the actual AV-8B Radar Night Attack aircraft and provides additional training of the Radio Detection and Ranging System.

**MANUFACTURER:** McDonnell Douglas Training Systems  
**CONTRACT NUMBER:** N61339-90-C-0064  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 FRS  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	NA1 Pilot Category 1 and 2 NA3 Pilot Category 3 NA4 Pilot Category 4 NA2 Instructor Under Training

**DEVICE:** Radar Night Attack Weapons Systems Trainer (RNAWST) 2F150B  
**DESCRIPTION:** The AV-8B RNAWST 2F150B has the exact same characteristics as the AV-8B RNAWST 2F150A.

**MANUFACTURER:** McDonnell Douglas Training Systems  
**CONTRACT NUMBER:** N61339-97C-0086  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** MAG-13  
**LOCATION, UIC:** MCAS Yuma, Arizona, 09011

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1		FY00	Onboard	NA3 Pilot Category 3 NA4 Pilot Category 4

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Power Plants Systems Maintenance Trainer (SMT), 11H93  
**DESCRIPTION:** The AV-8B Power Plants SMT 11H93 consists of a limited spatial replica of the AV-8B Day Attack Aircraft fuselage, with an F-402 engine, as an electrical-mechanical trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The device is designed to train aircraft mechanics to operate, test, and troubleshoot the aircraft engine system. The device allows the instructor to insert any one of the forty-three software-induced malfunctions relating to the engine system. The engine, as simulated on the device, responds to changes of atmospheric conditions, altitude, and airspeed. The performance is also dependent of water injection and different bleed conditions caused by the vectored thrust of the engine nozzles. These nozzles are fully functional on the device. All fuel control adjustments are active and respond as the aircraft. A microprocessor based sound system provides aural cues to the students. Sounds produced by an aircraft are important to the operator. They allow the operator to detect problems early and take the appropriate actions. The sounds simulated on the device include normal operation and malfunctions of the GTS, engine ignition system, and the engine itself.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61339-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-600-9889 (Track M-601-0113)

**DEVICE:** AV-8B Avionics Systems Maintenance Trainer (SMT), 11H94  
**DESCRIPTION:** The AV-8B Avionics SMT 11H94 consists of a full size replica of the AV-8B Day Attack aircraft fuselage, with a stand-up cockpit, trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The stand-up cockpit is incorporated with open avionics racks and black boxes placed relative to aircraft positions. The device provides system maintenance training on all avionics and related systems. With a fully simulated or stimulated (using real aircraft hardware) Integrated Controls and Displays System, the avionics technician can perform BIT, functional testing, and troubleshooting on all required systems. All components, antennas, panels, and test equipment look, feel, and respond through simulation as they would in the aircraft. The device allows the Instructor to insert any one of the one hundred and fifteen software-simulated malfunctions for broken wiring, bad components, and defective switches or antennas, with appropriate indications occurring.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61339-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-102-9895 (Track M-102-0122)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Night Attack/Electrical Systems Maintenance Trainer (SMT), 11H95  
**DESCRIPTION:** The AV-8B Night Attack/Electrical SMT 11H95 consists of a full size replica of the AV-8B Night Attack Aircraft fuselage, with an F-402 Engine and a stand-up cockpit, trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The device simulates the aircraft electrical system, lighting, AC/DC power generating and bus logic. A full lighting system including exterior, console, instrument, warning, caution, and advisory lights are provided. The device has full engine run capability. A complete engine aural cue system is provided and all engine instrumentation, temperature limiting, and water injection may be fully tested. Other systems include Inertial Navigation, Air Data Computer, and Flight Reference. There are twenty-six door areas with more than eighty active electrical connectors and five hundred active test points. The device allows the Instructor to insert any one of the one hundred and twelve software-simulated malfunctions available for training.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N613390-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-102-9895 (Track M-102-0122) C-602-9887 (Track M-602-0153)

**DEVICE:** AV-8B Egress and Environmental Systems Maintenance Trainer (SMT), 11H96  
**DESCRIPTION:** The AV-8B Egress and Environmental SMT 11H96 (a. k. a. the Cockpit Trainer) consists of a full size replica of the AV-8B Day Attack aircraft cockpit, canopy, and operational but inert ejection seat trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The device is equipped with an active forward Environmental Control System, Onboard Oxygen Generating System, and Anti-G System. All of the Support Equipment (SE) and test equipment necessary for testing and troubleshooting are supplied and used as with the actual aircraft. The device allows the instructor to insert any one of the forty software-simulated malfunctions available for training. The canopy and seat, being actual aircraft equipment, are removed, replaced, adjusted, and tested with all the same procedures and equipment as the aircraft. The device is often used for cockpit certification for Pilots and maintenance personnel before clearance is given to enter a real aircraft.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61336-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-602-9888 (Track M-602-0163)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Fuel Systems Maintenance Trainer (SMT), 11H97  
**DESCRIPTION:** The AV-8B Fuel SMT consists of a limited spatial, scaled down, replica of the AV-8B Day Attack Aircraft trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The device represents all thirteen of the aircraft fuel tanks on a one-third scale. All fuel movement during fueling, defueling, and fuel transfer may be observed by the trainees. The device has a simulated engine run to demonstrate the fuel transfer system. The Instructor may select an accelerated mode to show the system in operation. The device demonstrates the operation, fault isolation, adjustment, and testing of the following fuel systems: fuel servicing, fuel pressurization and vent, fuel distribution, fuel jettison, and fuel quantity and level indication. The device allows the Instructor to insert any one of the fifty-six software-simulated malfunctions available for training.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61339-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-600-9889 (Track M-601-0113) C-602-9887 (Track M-602-0153) C-603-9890 (Track M-602-0175)

**DEVICE:** AV-8B Radar/Armament System Maintenance Trainer (SMT), 11H98  
**DESCRIPTION:** The AV-8B Radar/Armament SMT 11H98 consists of a full size replica of the AV-8B Radar Aircraft fuselage, cockpit, and wing trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The device simulates full Radar capabilities, Stores Management Computer, Armament Stores Management Control Indicator, Digital Display Indicator, Coordinate Data Monitor, Stores Station Controllers, electrical power, and bus logic. The device allows the Instructor to insert any one of over sixty software-simulated malfunctions available for training. The students are trained in the removal and installation procedures for the pylons, Improved Triple Ejector Rack, Practice Multiple Bomb Rack, and missile launchers.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61339-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02))  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-102-9895 (Track M-102-0122) C-646-9888 (Track M-646-0143)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Flight Controls Systems Maintenance Trainer (SMT), 11H99  
**DESCRIPTION:** The AV-8B Flight Controls SMT 11H99 consists of a full size replica of the AV-8B Day Attack Aircraft (less nosecone and right wing), trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. The device is used to demonstrate the moving systems which control the aircraft in flight utilizing real and like-real aircraft components in areas of training where intricate physical relationships need to be demonstrated and fine mechanical skills are to be practiced. An external hydraulic pump is used to control linkages, actuators, and mocked-up surfaces in a safer than "real" environment. The device allows the instructor to insert any one of thirty-six software-simulated malfunctions available for training.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61339-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-102-9895 (Track M-102-0122) C-602-9887 (Track M-602-0153) C-603-9890 (Track M-602-0175)

**DEVICE:** AV-8B Landing Gear Systems Maintenance Trainer (SMT), 11H100  
**DESCRIPTION:** The AV-8B Landing Gear SMT 11H100 consists of a full size replica of the AV-8B Day Attack Aircraft trainee station and an IOS containing a host computer, a power supply, and associated peripherals. The device uses an external hydraulic pump to operate the landing gear and landing gear subsystems. The device allows the Instructor to insert any one of the forty-one software-simulated malfunctions for training. Students are trained to detect indications of abnormal landing gear operation, location of landing gear components, troubleshooting techniques for isolating faults, testing of the landing gear, and adjustments from alignment checks.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N61339-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-102-9895 (Track M-102-0122) C-602-9887 (Track M-602-0153) C-603-9890 (Track M-602-0175)

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AV-8B Instructional Graphics Training Device (IGTD), 11H156  
**DESCRIPTION:** The AV-8B IGTD consists of seven classroom environment Trainee Stations, an Instructor Graphics Station, a Graphics Development Station, and a Management Station. Each Trainee Station consists of an Instructor's Podium containing a host computer with touch screen monitor and remote air mouse, a sixty-seven inch rear projection portable display unit, and associated peripherals. The IGTD provides enhanced maintenance training through graphic 2D and 3D animation. Color-coding and sound representation are used to demonstrate aircraft function and movement to the student in ways that the Instructor is unable to demonstrate on the aircraft or maintenance training device. The IGTD allows the instructor to teach any one of the aircraft systems utilizing the Trainee Stations, individually or grouped simultaneously.

**MANUFACTURER:** Reflectone Corporation  
**CONTRACT NUMBER:** N613390-84-C-0003  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1			Onboard	C-102-9895 (Track M-102-0122) C-600-9889 (Track M-601-0113) C-602-9887 (Track M-602-0153) C-603-9890 (Track M-602-0175) C-646-0143 (Track M-646-0143) C-102-4017 (Track M-102-6412) C-601-3893 (Track M-601-3029)

**IV.B. COURSEWARE REQUIREMENTS**

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** NA1, AV-8B Fleet Replacement Pilot Category 1 and 2 Pipeline

**TRAINING ACTIVITY:** VMAT-203 FRS

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	6	Aug 96	Onboard
Lesson Plan	6	Aug 96	Onboard
Test Package	6	Aug 96	Onboard
Trainee Guide	6	Aug 96	Onboard

**CIN, COURSE TITLE:** NA2, AV-8B Instructor Under Training Pilot Training

**TRAINING ACTIVITY:** VMAT-203 FRS

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	6	Aug 96	Onboard
Lesson Plan	6	Aug 96	Onboard
Test Package	6	Aug 96	Onboard
Trainee Guide	6	Aug 96	Onboard

**CIN, COURSE TITLE:** NA3, AV-8B Fleet Replacement Pilot Category 3 Pipeline

**TRAINING ACTIVITY:** VMAT-203 FRS

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	6	Aug 96	Onboard
Lesson Plan	6	Aug 96	Onboard
Test Package	6	Aug 96	Onboard
Trainee Guide	6	Aug 96	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** NA4, AV-8B Fleet Replacement Pilot Category 4 Pipeline

**TRAINING ACTIVITY:** VMAT-203 FRS

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	6	Aug 96	Onboard
Lesson Plan	6	Aug 96	Onboard
Test Package	6	Aug 96	Onboard
Trainee Guide	6	Aug 96	Onboard

**CIN, COURSE TITLE:** C-602-4891, AV-8B Aircraft Wiring and Connector Repair/Assembly Organizational Maintenance Course  
(Track M-102-0122)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-102-9895, AV-8B Aircraft Com/Nav/Ident/ECM Weapons System Specialist Organizational  
Maintenance Course (Track M-102-0122)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-600-9889, AV-8B Aircraft Mechanic Organizational Maintenance Course (Track M-601-0113)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	25	Sep 96	Onboard
Lesson Plan	25	Sep 96	Onboard
Test Package	25	Sep 96	Onboard
Trainee Guide	25	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-9887, AV-8B Aircraft Electrical Systems Technician Organizational Maintenance Course  
(Track M-602-0153)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-4891, AV-8B Aircraft Wiring and Connector Repair/Assembly Organizational Maintenance Course  
(Track M-602-0153)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-602-9888, AV-8B Aircraft Safety Equipment Mechanic Organizational Maintenance Course  
(Track M-602-0163)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 98	Onboard
Lesson Plan	20	Sep 98	Onboard
Test Package	20	Sep 98	Onboard
Trainee Guide	20	Sep 98	Onboard

**CIN, COURSE TITLE:** C-603-9890, AV-8B Airframes Organizational Maintenance Course (Track M-602-0175)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-646-9888, AV-8B Aircraft Ordnance Technician Organizational Maintenance Course  
(Track M-646-0143)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	25	Sep 96	Onboard
Lesson Plan	25	Sep 96	Onboard
Test Package	25	Sep 96	Onboard
Trainee Guide	25	Sep 96	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-646-3893, AV-8B Conventional Weapons Loading Organizational Maintenance Course  
(Track M-646-0143)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	25	Sep 96	Onboard
Lesson Plan	25	Sep 96	Onboard
Test Package	25	Sep 96	Onboard
Trainee Guide	25	Sep 96	Onboard

**CIN, COURSE TITLE:** C-646-3890, Hazardous Materials/Explosive Driver Course (Track M-646-0143)

**TRAINING ACTIVITY:** VMAT-203 MTU 4034 (FREST) (To be renamed NAMTRA MARUNIT MTU 4034 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-102-4017, AN/ARC-182 and AN/ARC-210 Communication Equipment Intermediate Maintenance  
Course (Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-102-3026, RT-648/ARC-94 RT-698/ARC-102 HF Transceiver Intermediate Maintenance Course  
(Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-3012, 490T-1/1A/9 Antenna Coupler Intermediate Maintenance Course (Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-3116, AN/ARC-159(V) Transceivers and Associated Equipment Intermediate Maintenance Course  
(Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-102-4049, AN/APX-72 And AN/APX-100(V) IFF Transponder Intermediate Maintenance Course  
(Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-4024, AN/ARN-118(V) Tacan System Intermediate Maintenance Course (Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-3105, AN/APN-194(V) Electronic Altimeter Set Intermediate Maintenance Course  
(Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	May 97	Onboard
Lesson Plan	20	May 97	Onboard
Test Package	20	May 97	Onboard
Trainee Guide	20	May 97	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-602-4295, AN/USM-604 Electrical Equipment Test Set Operator/Maintainer Intermediate Maintenance Course (Track M-198-8010)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Jun 97	Onboard
Lesson Plan	20	Jun 97	Onboard
Test Package	20	Jun 97	Onboard
Trainee Guide	20	Jun 97	Onboard

**CIN, COURSE TITLE:** C-601-3893, F420-RR-408A/MK.4 CR00305 Gas Turbine Starter (GTS) / F402-RR-406A Intermediate Maintenance Course (Track M-601-3029)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-4893, Fixed Wing Electrical/Instrument Systems Intermediate Maintenance Course (Track M-602-6432)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-646-3890, Hazardous Materials/Explosive Driver Course (Track M-646-7026)

**TRAINING ACTIVITY:** VMAT-203 MTU 4034 (FREST) (To be renamed NAMTRA MARUNIT MTU 4034 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-646-3105, Aviation Ordnance Intermediate Maintenance Technician Course (Track M-646-7026)

**TRAINING ACTIVITY:** VMAT-203 MTU 4034 FREST) (To be renamed NAMTRA MARUNIT MTU 4034 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructional Media Package	20	Sep 96	Onboard
Lesson Plan	20	Sep 96	Onboard
Test Package	20	Sep 96	Onboard
Trainee Guide	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-102-9895, AV-8B Aircraft Com/Nav/Ident/ECM Weapons System Specialist Organizational Maintenance Course (Track M-102-0122)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-AV8BB-290-300/310 Organizational Maintenance, System Maintenance with IPB, Power Plants and Related Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-440-300 Organizational Maintenance with IPB, Lighting System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-100 Organizational Maintenance, Principles of Operation, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-200 Organizational Maintenance, Testing and Troubleshooting, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-300 Organizational Maintenance, System Maintenance with IPB, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-500 Organizational Maintenance, System Schematics, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-100 Organizational Maintenance, Principles of Operation, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-200 Organizational Maintenance, Testing and Troubleshooting, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-300 Organizational Maintenance, System Maintenance with IPB, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-500 Organizational Maintenance, System Schematics, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-100 Organizational Maintenance, Principles of Operation, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-710-200 Organizational Maintenance, Testing and Troubleshooting, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-300 Organizational Maintenance, System Maintenance with IPB, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-500 Organizational Maintenance, System Schematics, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-100 Organizational Maintenance, Principles of Operation, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-200 Organizational Maintenance, Testing and Troubleshooting, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-300 Organizational Maintenance, System Maintenance with IPB, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-500 Organizational Maintenance, System Schematics, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-100 Organizational Maintenance, Principles of Operation, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-200 Organizational Maintenance, Testing and Troubleshooting, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-300 Organizational Maintenance, System Maintenance with IPB, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-500 Organizational Maintenance, System Schematics, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-100 Organizational Maintenance, Principles of Operation, Mission Computer System	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-742-200 Organizational Maintenance, Testing and Troubleshooting, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-300 Organizational Maintenance, System Maintenance with IPB, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-500 Organizational Maintenance, System Schematics, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-100 Organizational Maintenance, Principles of Operation, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-200 Organizational Maintenance, Testing and Troubleshooting, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-300 Organizational Maintenance, System Maintenance with IPB, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-500 Organizational Maintenance, System Schematics, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-100 Organizational Maintenance, Principles of Operation, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-200 Organizational Maintenance, Testing and Troubleshooting, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-300 Organizational Maintenance, System Maintenance with IPB, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-500 Organizational Maintenance, System Schematics, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-100 Organizational Maintenance, Principles of Operation, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-760-200 Organizational Maintenance, Testing and Troubleshooting, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-300 Organizational Maintenance, System Maintenance with IPB, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-500 Organizational Maintenance, System Schematics, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-761-100 Organizational Maintenance, Principles of Operation, Radar Set AN/APG-65(V)2	Hard copy	20	Sep 96	Onboard
A1-AV8BB-761-200 Organizational Maintenance, System Maintenance with IPB, Radar Set AN/APG-65(V)2	Hard copy	20	Sep 96	Onboard
A1-AV8BB-761-500 Organizational Maintenance, System Schematics, Radar Set AN/APG-65(V)2	Hard copy	20	Sep 96	Onboard
A1-AV8BB-CSS-000 Aircraft Cross Servicing Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-000 Organizational Maintenance, General Aircraft Information	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-100 Organizational Maintenance, Line Maintenance Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-110 Organizational Maintenance, Line Maintenance Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-200 Organizational Maintenance, Line Maintenance - Access Doors	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-300 Organizational Maintenance Line Maintenance - Emergency Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-500 Organizational Maintenance Line Maintenance, Plane Captain Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-600 Organizational Maintenance, Fault Symptom Manual	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-GAI-650 Organizational Maintenance, Access Code Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-700 Organizational Maintenance, Operational Flight Program Logic Diagram Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-710 Organizational Maintenance, Operational Flight Program Logic Diagrams	Hard copy	20	Sep 96	Onboard
A1-AV8BB-MRC-200 Daily/Special/Preservation Maintenance Requirements Cards	Hard copy	20	Sep 96	Onboard
A1-AV8BB-NFM-000 NATOPS Flight Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-SCM-000 Organizational Maintenance, Software Configuration Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-SRM-230 Organizational, Intermediate and Depot Maintenance, Structure Repair, Center Fuselage	Hard copy	20	Sep 96	Onboard
A1-AV8BB-TAC-000 Tactical Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WDM-000 Organizational Maintenance, Wiring Diagram Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WUC-800 Technical Manual, Work Unit Code	Hard copy	20	Sep 96	Onboard
AV-8B EW Avionics Test Program Flightline Maintenance using Electronic Equipment Test Set AN/USM-406C (V)	Hard copy	20	Sep 96	Onboard
DOD-HDBK-263 ESD Control Book	Hard copy	20	Sep 96	Onboard
NA-01-1A-505 Installation Practices, Aircraft Electric and Electronic Wiring	Hard copy	20	Sep 96	Onboard
NA-01-1A-509 Aircraft Weapons Systems Cleaning and Corrosion Control	Hard copy	20	Sep 96	Onboard
NAVAIR 16-30USM406-5 Intermediate Maintenance with IPB, Electronic Equipment Test Set AN/USM-406C (V)	Hard copy	20	Sep 96	Onboard



**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-600-9889, AV-8B Aircraft Mechanic Organizational Maintenance Course (Track M-601-0113)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-AV8BB-290-100 Organizational Maintenance, Principles of Operation, Power Plant and Related Systems	Hard copy	25	Sep 96	Onboard
A1-AV8BB-290-200 Organizational Maintenance, Testing and Troubleshooting, Power Plant and Related Systems	Hard copy	25	Sep 96	Onboard
A1-AV8BB-290-300/310 Organizational Maintenance, System Maintenance with IPB, Power Plants and Related Systems	Hard copy	25	Sep 96	Onboard
A1-AV8BB-290-500 Organizational Maintenance, System Schematics, Power Plant and Related Systems	Hard copy	25	Sep 96	Onboard
A1-AV8BB-440-300 Organizational Maintenance with IPB, Lighting System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-460-100 Organizational Maintenance, Principles of Operation, Fuel System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-460-200 Organizational Maintenance, Testing and Troubleshooting, Fuel System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-460-300 Organizational Maintenance, System Maintenance with IPB, Fuel System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-460-500 Organizational Maintenance, System Schematics, Fuel System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-670-300 Organizational Maintenance, System Maintenance with IPB, Integrated Controls and Displays Group	Hard copy	25	Sep 96	Onboard
A1-AV8BB-750-300 Organizational Maintenance, System Maintenance with Illustrated Parts Breakdown, Armament and Gun System	Hard copy	25	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-760-100 Organizational Maintenance, Principles of Operation, Tactical Electronic Warfare System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-000 Organizational Maintenance, General Aircraft Information	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-100 Organizational Maintenance, Line Maintenance Procedures	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-200 Organizational Maintenance, Line Maintenance - Access Doors	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-300 Organizational Maintenance Line Maintenance - Emergency Procedures	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-400 Organizational Maintenance, Line Maintenance Conditional Inspection Requirements	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-500 Organizational Maintenance Line Maintenance, Plane Captain Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-600 Organizational Maintenance, Fault Symptom Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-800 Organizational Maintenance, Piping Installation	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-900 Organizational Maintenance, Special Support Equipment	Hard copy	25	Sep 96	Onboard
A1-AV8BB-IPB-450 Organizational Maintenance, Parts List Index	Hard copy	25	Sep 96	Onboard
A1-AV8BB-MRC-000 Periodic Maintenance Information Cards	Hard copy	25	Sep 96	Onboard
A1-AV8BB-MRC-100 Turnaround Maintenance Information Requirement Cards	Hard copy	25	Sep 96	Onboard
A1-AV8BB-MRC-200 Daily/Special/Preservation Maintenance Requirements Cards	Hard copy	25	Sep 96	Onboard
A1-AV8BB-MRC-300 Phased Maintenance Requirements Cards	Hard copy	25	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-AV8BB-NFM-000 NATOPS Flight Manual	Hard copy	25	Sep 96	Onboard
A1-F402A-IPB-400 Illustrated Parts Breakdown Aircraft Engine, Model F402-RR-404A (Rolls Royce)	Hard copy	25	Sep 96	Onboard
A1-F402A-MMD-300 Depot Maintenance Aircraft Engine, Model F402-RR-404A (Rolls Royce)	Hard copy	25	Sep 96	Onboard
A1-F402A-MMI-200 Intermediate Maintenance Aircraft Engine, Model F402-RR-404A (Rolls Royce)	Hard copy	25	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-9887, AV-8B Aircraft Electrical Systems Technician Organizational Maintenance Course (Track M-602-0153)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-AV8BB-290-300/310 Organizational Maintenance, System Maintenance with IPB, Power Plants and Related Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-440-300 Organizational Maintenance with IPB, Lighting System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-100 Organizational Maintenance, Principles of Operation, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-200 Organizational Maintenance, Testing and Troubleshooting, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-300 Organizational Maintenance, System Maintenance with IPB, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-650-500 Organizational Maintenance, System Schematics, Communication and IFF Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-100 Organizational Maintenance, Principles of Operation, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-AV8BB-670-200 Organizational Maintenance, Testing and Troubleshooting, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-300 Organizational Maintenance, System Maintenance with IPB, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-670-500 Organizational Maintenance, System Schematics, Integrated Controls and Displays Group	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-100 Organizational Maintenance, Principles of Operation, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-200 Organizational Maintenance, Testing and Troubleshooting, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-300 Organizational Maintenance, System Maintenance with IPB, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-710-500 Organizational Maintenance, System Schematics, All Weather Landing, TACAN, Radar Beacon, and Electronic Altimeter Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-100 Organizational Maintenance, Principles of Operation, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-200 Organizational Maintenance, Testing and Troubleshooting, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-300 Organizational Maintenance, System Maintenance with IPB, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-730-500 Organizational Maintenance, System Schematics, Angle Rate Bombing System	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-AV8BB-741-100 Organizational Maintenance, Principles of Operation, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-200 Organizational Maintenance, Testing and Troubleshooting, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-300 Organizational Maintenance, System Maintenance with IPB, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-741-500 Organizational Maintenance, System Schematics, Weapons Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-100 Organizational Maintenance, Principles of Operation, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-200 Organizational Maintenance, Testing and Troubleshooting, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-300 Organizational Maintenance, System Maintenance with IPB, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-742-500 Organizational Maintenance, System Schematics, Mission Computer System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-100 Organizational Maintenance, Principles of Operation, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-200 Organizational Maintenance, Testing and Troubleshooting, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-300 Organizational Maintenance, System Maintenance with IPB, Night Attack FLIR	Hard copy	20	Sep 96	Onboard
A1-AV8BB-743-500 Organizational Maintenance, System Schematics, Night Attack FLIR	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-744-100 Organizational Maintenance, Principles of Operation, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-200 Organizational Maintenance, Testing and Troubleshooting, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-300 Organizational Maintenance, System Maintenance with IPB, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-744-500 Organizational Maintenance, System Schematics, Digital Video Mapping Set	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-100 Organizational Maintenance, Principles of Operation, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-200 Organizational Maintenance, Testing and Troubleshooting, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-300 Organizational Maintenance, System Maintenance with IPB, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-760-500 Organizational Maintenance, System Schematics, Tactical Electronic Warfare System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-761-100 Organizational Maintenance, Principles of Operation, Radar Set AN/APG-65(V)2	Hard copy	20	Sep 96	Onboard
A1-AV8BB-761-200 Organizational Maintenance, System Maintenance with IPB, Radar Set AN/APG-65(V)2	Hard copy	20	Sep 96	Onboard
A1-AV8BB-761-500 Organizational Maintenance, System Schematics, Radar Set AN/APG-65(V)2	Hard copy	20	Sep 96	Onboard
A1-AV8BB-CSS-000 Aircraft Cross Servicing Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-000 Organizational Maintenance, General Aircraft Information	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-GAI-100 Organizational Maintenance, Line Maintenance Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-110 Organizational Maintenance, Line Maintenance Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-200 Organizational Maintenance, Line Maintenance - Access Doors	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-300 Organizational Maintenance Line Maintenance - Emergency Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-500 Organizational Maintenance Line Maintenance, Plane Captain Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-600 Organizational Maintenance, Fault Symptom Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-650 Organizational Maintenance, Access Code Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-700 Organizational Maintenance, Operational Flight Program Logic Diagram Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-710 Organizational Maintenance, Operational Flight Program Logic Diagrams	Hard copy	20	Sep 96	Onboard
A1-AV8BB-MRC-200 Daily/Special/Preservation Maintenance Requirements Cards	Hard copy	20	Sep 96	Onboard
A1-AV8BB-NFM-000 NATOPS Flight Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-SCM-000 Organizational Maintenance, Software Configuration Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-SRM-230 Organizational, Intermediate and Depot Maintenance, Structure Repair, Center Fuselage	Hard copy	20	Sep 96	Onboard
A1-AV8BB-TAC-000 Tactical Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WDM-000 Organizational Maintenance, Wiring Diagram Manual	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-AV8BB-WUC-800 Technical Manual, Work Unit Code	Hard copy	20	Sep 96	Onboard
AV-8B EW Avionics Test Program Flightline Maintenance using Electronic Equipment Test Set AN/USM-406C (V)	Hard copy	20	Sep 96	Onboard
DOD-HDBK-263 ESD Control Book	Hard copy	20	Sep 96	Onboard
NA-01-1A-505 Installation Practices, Aircraft Electric and Electronic Wiring	Hard copy	20	Sep 96	Onboard
NA-01-1A-509 Aircraft Weapons Systems Cleaning and Corrosion Control	Hard copy	20	Sep 96	Onboard
NAVAIR 16-30USM406-5 Intermediate Maintenance with IPB, Electronic Equipment Test Set AN/USM-406C (V)	Hard copy	20	Sep 96	Onboard
OPNAVINST 4790.2 Series Volume II Organizational Level Maintenance	Hard copy	20	Sep 96	Onboard
OPNAVINST 4790.2 Series Volume V Maintenance Data Systems	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-4891, AV-8B Aircraft Wiring and Connector Repair/Assembly Organizational Maintenance Course (Track M-602-0153)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-AV8BB-IPB-450 Organizational Maintenance, Parts List Index	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-000 Organizational Maintenance, Wiring Repair with Parts Data, General Wiring Repair Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-000 Organizational Maintenance, Wiring Diagrams	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-100 Wiring Repair with Parts Data, Cable Assembly, 75A751001 through 75A752999	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

A1-AV8BB-WRM-200 Wiring Repair with Parts Data, Cable Assembly, 75A753002 through 75A754999	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-300 Wiring Repair with Parts Data, Cable Assembly, 75A755001 through 75A756999	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-400 Wiring Repair with Parts Data, Cable Assembly, 75A757102 through 75A757999	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-500 Wiring Repair with Parts Data, Cable Assembly, 75A7710001 through 75A771148	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WRM-600 Wiring Repair with Parts Data, Cable Assembly, 75A771150 through 75A777999	Hard copy	20	Sep 96	Onboard
NA 01-1A-505 Installation Practices, Aircraft Electric and Electronic Wiring	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-9888, AV-8B Aircraft Safety Equipment Mechanic Organizational Maintenance Course (Track M-602-0163)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-AV8BB-120-100 Organizational Maintenance, Principles of Operation, Ejection Seat and Canopy System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-120-200 Organizational Maintenance, Testing and Troubleshooting, Ejection Seat and Canopy	Hard copy	20	Sep 96	Onboard
A1-AV8BB-120-300 Organizational Maintenance, System Maintenance with Illustrated Parts Breakdown, Ejection Seat and Canopy System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-120-350 Organizational Maintenance, System Maintenance with Illustrated Parts Breakdown (Shop Maintenance), Aircraft Ejection Seat SJU-4/A	Hard copy	20	Sep 96	Onboard
A1-AV8BB-120-500 Organizational Maintenance, System Schematics, Ejection Seat and Canopy System	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-120-600 Organizational Maintenance, Aircraft Ejection Seat SJU-4/A, Removal/Installation	Hard copy	20	Sep 96	Onboard
A1-AV8BB-410-100 Organizational Maintenance, Principles of Operation, Environmental Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-410-200 Organizational Maintenance, Testing and Troubleshooting, Environmental Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-410-300 Organizational Maintenance, with Illustrated Parts Breakdown, Environmental Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-410-500 Organizational Maintenance, System Schematics, Environmental Control System	Hard copy	20	Sep 96	Onboard
A1-AV8BB-420-100 Organizational Maintenance, Principles of Operation, Electrical Systems	Hard copy	20	Sep 96	Onboard
A1-AV8BB-AML-000 Aircraft Technical Documentation List	Hard copy	20	Sep 96	Onboard
A1-AV8BB-CSS-000 Aircraft Cross Servicing Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-000 Organizational Maintenance, General Aircraft Information	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-100 Organizational Maintenance, Line Maintenance Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-110 Organizational Maintenance, Line Maintenance Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-200 Organizational Maintenance, Line Maintenance - Access Doors	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-300 Organizational Maintenance Line Maintenance - Emergency Procedures	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-500 Organizational Maintenance Line Maintenance, Plane Captain Manual	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-GAI-600 Organizational Maintenance, Fault Symptom Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-GAI-800 Organizational Maintenance, Piping Installation	Hard copy	20	Sep 96	Onboard
A1-AV8BB-IPB-450 Organizational Maintenance, Parts List Index	Hard copy	20	Sep 96	Onboard
A1-AV8BB-MRC-000 Periodic Maintenance Information Cards	Hard copy	20	Sep 96	Onboard
A1-AV8BB-MRC-100 Turnaround Maintenance Information Requirement Cards	Hard copy	20	Sep 96	Onboard
A1-AV8BB-MRC-200 Daily/Special/Preservation Maintenance Requirements Cards	Hard copy	20	Sep 96	Onboard
A1-AV8BB-MRC-300 Phased Maintenance Requirements Cards	Hard copy	20	Sep 96	Onboard
A1-AV8BB-NFM-000 NATOPS Flight Manual	Hard copy	20	Sep 96	Onboard
A1-AV8BB-SRM-250 Structure Repair Manual, Forward Fuselage	Hard copy	20	Sep 96	Onboard
A1-AV8BB-SRM-500 Organizational, Intermediate, and Depot Maintenance, Aircraft Corrosion Control	Hard copy	20	Sep 96	Onboard
A1-AV8BB-WUC-800 Technical Manual, Work Unit Code	Hard copy	20	Sep 96	Onboard
NAVAIR 11-100-1.1 General Use Cartridges and Cartridge Actuated Devices for Aircraft and Associated Equipment	Hard copy	20	Sep 96	Onboard
NAVAIR 11-100-1.3 Cartridge Actuated Devices for Bomb Racks/Launchers, Bomb Dummy Units and Airborne Missile Systems	Hard copy	20	Sep 96	Onboard
NAVAIR 11-85-1 Description, Preparation for Use and Handling Instructions, Aircrew Escape Propulsion System Devices	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-603-9890, AV-8B Airframes Organizational Maintenance Course (Track M-602-0175)  
**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1 AV8BB-130-200 Landing Gear and Related Systems	Hard copy	20	Sep 96	Onboard
A1 AV8BB-140-200 Flight Control System Troubleshooting OMA	Hard copy	20	Sep 96	Onboard
A1 AV8BB-140-300 Flight Control Systems	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-646-3893, AV-8B Conventional Weapons Loading Organizational Maintenance Course (Track M-646-0143)  
**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AG-420B0-MRC-000 Pre-Operational Checklist, Bomb Hoist, HLU-288/E	Hard copy	25	Sep 96	Onboard
AW-381VB-MIB-000 GAU-12/U 25MM Safety/Firing Cam Assembly	Hard copy	25	Sep 96	Onboard
AW-381VB-MIB-100 GAU-12/U 25MM Automatic Gun	Hard copy	25	Sep 96	Onboard
AW-820CE-MIB-020 AGM-65 Maverick, Illustrated Parts Breakdown	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GJC-000 Gun Jam Clearing Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-100 Organizational Maintenance, Line Maintenance Procedures	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GA200 Organizational Maintenance, Line Maintenance Access Doors	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-000 Airborne Weapons/Stores Loading Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-200 Conventional Weapons Checklist, AV-8B Release and Control Basic	Hard copy	25	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-LWS-270 Bomb Retard/Non-Retard Cecklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-280 Fire Bomb Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-410 Pyrotechnics Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-420 Cluster Bomb Unit Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-450 Practice Bombs Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-530 AIM-9 Sidewinder/TACTS Pod Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-560 PASE (AGM-65) Maverick Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-660 Guided Bomb Unit Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-720 Electronic Countermeasures Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-750 Rocket Launchers Checklist	Hard copy	25	Sep 96	Onboard
A1-AV8BB-741-200 Organization Maintenance, Testing and Troubleshooting, Weapons Control System	Hard copy	25	Sep 96	Onboard
A1-AV8BD-750-200 Organization Maintenance, Testing and Troubleshooting, Armament and Gun System	Hard copy	25	Sep 96	Onboard
NA-01-AIM-9L/M-2.1 Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9L/M and Training Missiles	Hard copy	25	Sep 96	Onboard
NA-01-AIM-9-2 Organizational and Intermediate Maintenance with IPB, Sidewinder Guided Missile AIM-9H/L/M and Training Missiles	Hard copy	25	Sep 96	Onboard
NA-01-15MGD-1 Laser Guided Bombs, GBU-12/B, GBU-16/B, and GBU-10C/B	Hard copy	25	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

NA-01-700 Airborne Weapons/Stores Publications Index	Hard copy	25	Sep 96	Onboard
NA-11-1F-2 Airborne Bomb and Rocket Fuze Manual	Hard copy	25	Sep 96	Onboard
NA-11-5A-3 Anti-Tank Bomb Clusters, MK-20 MODs 2, 3, 4, and 6 (Rockeye) and Anti-Personnel/Anti-Material Bomb Cluster, CBU-59/B (APAM)	Hard copy	25	Sep 96	Onboard
NA-11-517 Description, Safety, Handling, and Compatibility Instructions for Aircraft General Purpose Bombs, Fire Bombs, Practice Bombs, and Components	Hard copy	25	Sep 96	Onboard
NA-11-15-7 Pyrotechnics, Screening, Marking, and Countermeasure Devices	Hard copy	25	Sep 96	Onboard
NA-11-75A-61 2.75" Airborne Rocket Launchers, LA61, Lau-68 Series	Hard copy	25	Sep 96	Onboard
NA-11-75A-63 5.00" Airborne Rocket Launchers, LAU-10 Series	Hard copy	25	Sep 96	Onboard
NA-11-85-5 Airborne Rockets Description, Safety, Service, and Handling Instructions	Hard copy	25	Sep 96	Onboard
NA-11-100-1.3 Cartridges and Cartridges Actuated Devices for Aircraft and Associated Equipment	Hard copy	25	Sep 96	Onboard
NA-11-120-58 Laser Guided Missile AG65 and Infrared Guided Missile AGM-65F (Maverick)	Hard copy	25	Sep 96	Onboard
NA-11-120-59 Aircraft Parachute Flares and Launchers, Illustrated Parts Breakdown LUU-2 and SUU-25	Hard copy	25	Sep 96	Onboard
NA-11-140-5 Bomb Weapons, MK 80Series Assembly Manual	Hard copy	25	Sep 96	Onboard
NA-11-140-8 Fire Bombs Weapons Assembly Manual	Hard copy	25	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

NA-16-30ALE39-1 Countermeasures Dispensing System, AN/ALE-39 and Countermeasures Dispenser Control, C-10936/ALE-39	Hard copy	25	Sep 96	Onboard
NA-19-15BA-39 Periodic Maintenance Requirements Manual Loader, Air Launched Weapons A/S 32K-1/A/B/C	Hard copy	25	Sep 96	Onboard
NA-19-600-86-6-1 Loader, Air Launched Weapons, A/S 32K-1A/1B/1C, Standard, Pre-Operational Card	Hard copy	25	Sep 96	Onboard
NAVSEA OP 3565 (Volume 2) Electromagnetic Radiation Hazards to Ordnance	Hard copy	25	Sep 96	Onboard
NWP-55-3-AV8B (Volume I) AV-8B Tactical Manual	Hard copy	25	Sep 96	Onboard

**CIN, COURSE TITLE:** C-646-9888, AV-8B Aircraft Ordnance Technician Organizational Maintenance Course  
(Track M-646-0143)  
**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-AV8BB-741-100 Organizational Maintenance, Principles of Operation, Weapons Control System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-741-200 Organizational Maintenance, Testing and Troubleshooting, Weapons Control System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-741-500 Organizational Maintenance, System Schematics, Weapons Control System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-750-100 Organizational Maintenance, Principles of Operation, Armament and Gun Systems	Hard copy	25	Sep 96	Onboard
A1-AV8BB-750-200 Organizational Maintenance, Testing and Troubleshooting, Armament and Gun Systems	Hard copy	25	Sep 96	Onboard
A1-AV8BB-750-300 Organizational Maintenance, System Maintenance with Illustrated Parts Breakdown, Armament and Gun System	Hard copy	25	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-750-500 Organizational Maintenance, System Schematics, Weapons Control System	Hard copy	25	Sep 96	Onboard
A1-AV8BB-AML-000 Aircraft Technical Documentation List	Hard copy	25	Sep 96	Onboard
A1-AV8BB-CSS-000 Aircraft Cross Servicing Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-000 Organizational Maintenance, General Aircraft Information	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-100 Organizational Maintenance, Line Maintenance Procedures	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-110 Organizational Maintenance, Line Maintenance Procedures	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-200 Organizational Maintenance, Line Maintenance - Access Doors	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-300 Organizational Maintenance Line Maintenance - Emergency Procedures	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-400 Organizational Maintenance, Line Maintenance Conditional Inspection Requirements	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-500 Organizational Maintenance Line Maintenance, Plane Captain Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-GAI-600 Organizational Maintenance, Fault Symptom Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-IPB-450 Organizational Maintenance, Parts List Index	Hard copy	25	Sep 96	Onboard
A1-AV8BB-LWS-000 Airborne Weapons/Stores Loading Manual	Hard copy	25	Sep 96	Onboard
A1-AV8BB-MRC-000 Periodic Maintenance Information Cards	Hard copy	25	Sep 96	Onboard
A1-AV8BB-MRC-200 Daily/Special/Preservation Maintenance Requirements Cards	Hard copy	25	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-MRC-300 Phased Maintenance Requirements Cards	Hard copy	25	Sep 96	Onboard
A1-AV8BB-WUC-800 Technical Manual, Work Unit Code	Hard copy	25	Sep 96	Onboard
NA-00-25-100 Naval Air System Command, Technical Manual Program	Hard copy	25	Sep 96	Onboard
NA-00-80R-14 NATOPS-U.S. Navy Aircraft Fire Fighting and Rescue Manual	Hard copy	25	Sep 96	Onboard

**CIN, COURSE TITLE:** C-102-4017, AN/ARC-182(V) And AN/ARC-210(V) Communication Equipment Intermediate Maintenance Course (Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
ADM-3E Video Terminal Users Reference Manual (Commercial Manual by Lear-Siegler Inc., Data Products Division)	Hard copy	20	Sep 97	Onboard
AE-150AC-570-000 Intermediate Maintenance with IPB, Radio Receiver-Transmitter RT-1379/ASW and RT-1379A/ASW	Hard copy	20	Sep 97	Onboard
AT-840AA-MIB-000 Intermediate Maintenance with IPB, Radio Test Set TS-4110/ARC	Hard copy	20	Sep 97	Onboard
NA 16-30ARM200-1 Intermediate Maintenance with IPB, AN/ARM-200A Radio Test Set	Hard copy	20	Sep 97	Onboard
NA 16-30ARM200-2 Intermediate Maintenance with IPB, AN/ARM-200A Radio Test Adapters	Hard copy	20	Sep 97	Onboard
NA 16-35C10319-1 Intermediate Maintenance with IPB, Radio Set Controls C-10319/ARC, C-10319A/ARC, C-10776/ARC, C-10776A/ARC, C-10319B/ARC, and C-12109/ARC	Hard copy	20	Sep 97	Onboard
NA 16-35C11128-1 Intermediate Maintenance with IPB, Radio Set Controls C-11128/ARC and C-119884/ARC	Hard copy	20	Sep 97	Onboard

**IV.B.3. TECHNICAL MANUALS**

NA 16-35ID2121-1 Intermediate Maintenance with IPB, Remote Indicator ID-2121A/ARC, ID-2229A/ARC, and ID-2303/ARC	Hard copy	20	Sep 97	Onboard
NA 16-35MT6330-1 Intermediate Maintenance with IPB, Mount MT-6330/ARC	Hard copy	20	Sep 97	Onboard
NA 16-35RT1250-1 Intermediate Maintenance with IPB, Radio receiver- Transmitter RT-1250/ARC, RT-1250A/ARC, MOD R1250A/ARC, RT-1486/A, and RT-1498/ARC	Hard copy	20	Sep 97	Onboard
NA 16-35RT1324-1 Intermediate Maintenance with IPB, Radio Receiver- Transmitter R1324A/ARC, RT-1327A/ARC, RT-1407/ARC, and RT-1626/ARC	Hard copy	20	Sep 97	Onboard

**CIN, COURSE TITLE:** C-102-3026, RT-648/ARC-94 RT-698/ARC-102 HF Transceiver Intermediate Maintenance Course (Track M-102-6412)  
**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-1A-23 Electronic Repair Manual	Hard copy	20	Sep 96	Onboard
NA 16-30ARC94-4 Illustrated Parts Breakdown, Radio Sets AN/ARC-94, AN/ARC-102, AN/ARC-119, and AN/ARC-120	Hard copy	20	Sep 96	Onboard
NA 1630ARC94-1 Handbook of Service Instructions, Radio Sets AN/ARC-94, AN/ARC-102, AN/ARC-119, and AN/ARC-120	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-102-3012, 490T-1/1A/9 Antenna Coupler Intermediate Maintenance Course (Track M-102-6412)  
**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**IV.B.3. TECHNICAL MANUALS**

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA-16-45-1153 Overhaul Instructions, with Illustrated Parts Breakdown	Hard copy	20	May 97	Onboard

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-102-3116, AN/ARC-159(V) Transceivers And Associated Equipment Intermediate Maintenance Course (Track M-102-6412)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NA 16-30ARC159-1 Technical Manual, Operation and Intermediate Maintenance Instructions, Radio Set AN/ARC-159	Hard copy	20	May 97	Onboard
NA 16-30ARC159-2 Technical Manual, Illustrated Parts Breakdown, Radio Set AN/ARC-159	Hard copy	20	May 97	Onboard
NA 16-30ARC159-3 Depot Maintenance Instructions, Radio Set AN/ARC159	Hard copy	20	May 97	Onboard
NA 16-30ARC159-4 Intermediate and Depot Maintenance with IPB, Radio Set AN/ARC-159(V)1	Hard copy	20	May 97	Onboard
NA 16-30ARM165-2 Intermediate and Depot Maintenance with IPB, Radio Set Test Set AN/ARM-165A	Hard copy	20	May 97	Onboard
NA 16-35C9451-1 Intermediate and Depot Maintenance with IPB, Auto Relay Equipment Radio Set Control Unit and Switching Unit SA-1964	Hard copy	20	May 97	Onboard
NA 16-35C9577-1 Intermediate and Depot Maintenance with IPB, Radio Set Control C-9577/ARC-159(V)	Hard copy	20	May 97	Onboard
NA 16-35C9815-1 Intermediate and Depot Maintenance with IPB, Radio Set Controls C-9815/ARC-159(V), C-9816/ARC-159(V), C-9817/ARC-159(V), and C1918/AR159(V)	Hard copy	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-4049, AN/APX-72 And AN/APX-100(V) IFF Transponder Intermediate Maintenance Course (Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
AE-230AA-MIB-000 Intermediate Maintenance with IPB, AN/APX-100(V) Transponder Set	Hard copy	20	May 97	Onboard

**IV.B.3. TECHNICAL MANUALS**

AE-235AA-MEB-000 Intermediate and Depot Maintenance with IPB, AN/APM-421 Transponder Test Set	Hard copy	20	May 97	Onboard
NA 16-30APX-72-2 Intermediate and Direct/General Maintenance with Depot Level Overhaul Instructions, Radio RT-859, RT-859A/APX-72 and Mounting MT-3809, MT-3948/APX-72	Hard copy	20	Sep 97	Onboard
NA 16-30APX-72-3 Illustrated Parts Breakdown, Receiver-Transmitter, Radio, RT-859, RT-859A/APX-72 and Mounting MT-3809, MT-3948/APX-72	Hard copy	20	May 97	Onboard
NA 16-30APX-72-4 Radio, RT-859, RT-859A/APX-72 and Mounting MT-3809, MT-3948/APX-72	Hard copy	20	May 97	Onboard
NA 16-30C-6280-1 Organizational, Field and Depot Level Maintenance with IPB, Control, Transponder Set, C-6280(P), C-6280A(P), C-6717 and C-7483/APX	Hard copy	20	May 97	Onboard
NA 16-30UPM-155-2 Maintenance Instructions, Organizational and Intermediate, Radar Test Set, AN/UPM-155	Hard copy	20	May 97	Onboard
NA 16-30UPM-155-3 Radar Test Set, AN/UPM-155	Hard copy	20	May 97	Onboard
NA 16-30UPM-155-4 Radar Test Set, AN/UPM-155	Hard copy	20	May 97	Onboard
NAVAIR 16-30UPM-155-1 Operation Instructions, Organizational and Intermediate, Radar Test Set, AN/UPM-155	Hard copy	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-4024, AN/ARN-118(V) TACAN System Intermediate Maintenance Course (Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NAVAIR 01-1A-23 Technical Manual, Standard Maintenance Practices, Electronic Assembly Repair	Hard copy	20	May 97	Onboard

**IV.B.3. TECHNICAL MANUALS**

NAVAIR 16-30ARM118-2 Intermediate Maintenance Manual with IPB for TACAN Navigational Set AN/ARM-118(V)	Hard copy	20	May 97	Onboard
NAVAIR 16-30ARM118-3.2 Instruction Book Volume 2 for AN/ARN-118(V) Airborne TACAN System (Maintenance Instructions)	Hard copy	20	May 97	Onboard
NAVAIR 16-30ARM118-3.3 Instruction Book Volume 3 for AN/ARN-118(V) Airborne TACAN System (Schematics)	Hard copy	20	May 97	Onboard
NAVAIR 16-30ARM118-3.4 Instruction Book Volume 4 for AN/ARN-118(V) Airborne TACAN System (Parts List)	Hard copy	20	May 97	Onboard
NAVAIR 16-30ARM155-1 Technical Manual, Intermediate Maintenance for Test Set, Indicator AN/ARM-155	Hard copy	20	May 97	Onboard
NAVAIR 16-30ARM156-1 Technical Manual, Intermediate Maintenance for Test Set, Radio AN/ARM-156	Hard copy	20	May 97	Onboard

**CIN, COURSE TITLE:** C-102-3105, AN/APN-194(V) Electronic Altimeter Set Intermediate Maintenance Course  
(Track M-102-6413)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
NA 01-1A-23 Electronic Repair Manual	Hard copy	20	Sep 96	Onboard
NA 16-30APM347-1 Operation and Service Instructions with IPB, Altimeter Test Set AN/APM-347	Hard copy	20	Sep 96	Onboard
NA 16-30APM403-1 Operation and Service Instructions with IPB, Altimeter Test Set AN/APM-403	Hard copy	20	Sep 96	Onboard
NA 16-30APN194-1 Intermediate and Depot Maintenance Instructions with IPB, Receiver-Transmitter RT-1015 and RT-1042	Hard copy	20	Sep 96	Onboard
NA 16-30APN194-3 Intermediate and Depot Maintenance Instructions with IPB, Radar Altimeter Height Indicator ID 1760, ID 1760A, ID 1768, ID 1768A, ID 1811, ID 1879, ID	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

NA 16-30APN194-4 Intermediate and Depot Maintenance Instructions with IPB, Receiver-Transmitter RT-1015A and RT-1042A	Hard copy	20	Sep 96	Onboard
OPNAVINST 4790.2 Series (Volume II) Naval Aviation Maintenance Program (NAMP)	Hard copy	20	Sep 96	Onboard
OPNAVINST 5100.23 Series Navy Occupational Safety and Health (NAVOSH) Program	Hard copy	20	Sep 96	Onboard
DOD-STD-1686 Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies, and Equipment (Excluding Electrically Initiated Explosive Devices), 2MAY1980	Hard copy	20	Sep 96	Onboard
DOD-HDBK-263 Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies, and Equipment (Excluding Electrically Initiated Explosive Devices), 2MAY1980	Hard copy	20	Sep 96	Onboard
NA 16-30APN194-5 Intermediate and Depot Maintenance Instructions with IPB, Radar Altimeter Height Indicator ID 1760B, ID 1768B, ID 1811A, ID 1879A, ID 1880A	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-4295, AN/USM-604 Electrical Equipment Test Set Operator/Maintainer Intermediate Maintenance Course (Track M-198-8010)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
A1-214VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Aircraft Navigation Light Power Supply	Hard copy	20	Jun 97	Onboard
A1-429VB-MIB-010 Intermediate Maintenance with Illustrated Parts Breakdown, Anti-Skid Control Unit	Hard copy	20	Jun 97	Onboard
A1-750VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Engine Performance Indicator	Hard copy	20	Jun 97	Onboard
A1-AV8BB-670-100 Organizational Maintenance, Principles of Operation, Integrated Controls and Displays Group	Hard copy	20	Jun 97	Onboard

### IV.B.3. TECHNICAL MANUALS

A1-AV8BB-WUC-800 Technical Manual, Work Unit Code	Hard copy	20	Jun 97	Onboard
AE-020VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Forward Pitch Amplifier	Hard copy	20	Jun 97	Onboard
AE-020VB-MIB-010 Intermediate Maintenance with Illustrated Parts Breakdown, Amplifier AM-7109A	Hard copy	20	Jun 97	Onboard
AE-257VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Coordinate Data Control C-10916/ASQ-179	Hard copy	20	Jun 97	Onboard
AE-257VB-MIB-010 Intermediate Maintenance with Illustrated Parts Breakdown, Coordinate Data Monitor ID-2251/ASG-179	Hard copy	20	Jun 97	Onboard
AE-610VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Air Data Computer CP-1471/A	Hard copy	20	Jun 97	Onboard
AE-610VB-MIB-010 Intermediate Maintenance with Illustrated Parts Breakdown, Display Computer CP-1450/A	Hard copy	20	Jun 97	Onboard
AE-610VB-MIB-020 Intermediate Maintenance with Illustrated Parts Breakdown, Head-Up Display Unit SU-128/A	Hard copy	20	Jun 97	Onboard
AE-610VB-MIB-030 Intermediate Maintenance with Illustrated Parts Breakdown, Flight Control Computer CP-1473/ASW-46(V)	Hard copy	20	Jun 97	Onboard
AE-620VB-MIB-040 Intermediate Maintenance with Illustrated Parts Breakdown, Stores Management Computer CP-1451/AYQ-13	Hard copy	20	Jun 97	Onboard
AE-650VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Signal Data Converter CV-3736/A	Hard copy	20	Jun 97	Onboard
AE-930VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Annunciator Light Controller	Hard copy	20	Jun 97	Onboard
AE-930VB-MIB-010 Intermediate Maintenance with Illustrated Parts Breakdown, Stores Station Controller C-10941/AYQ-13	Hard copy	20	Jun 97	Onboard

### IV.B.3. TECHNICAL MANUALS

AE-930VB-MIB-020 Intermediate Maintenance with Illustrated Parts Breakdown, Stores Management Control Indicator C-10940/AYQ-13	Hard copy	20	Jun 97	Onboard
AN-300VB-MIB-010 Intermediate Maintenance with Illustrated Parts Breakdown, Electronic Flap Controller	Hard copy	20	Jun 97	Onboard
AT-570VB-MIB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Miscellaneous Aircraft Components	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-000 Intermediate Maintenance with Illustrated Parts Breakdown, Computer Control Memory Unit CP-1634/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-050 Intermediate Maintenance with Illustrated Parts Breakdown, Signal Generator-Converter SG-1263/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-100 Intermediate Maintenance with Illustrated Parts Breakdown, Cooler, Air Supply HD-1129/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-150 Intermediate Maintenance with Illustrated Parts Breakdown, Converter-Interface Controls Unit CV-3863/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-200 Intermediate Maintenance with Illustrated Parts Breakdown, Converter-Interface Navigation Unit CV-3864/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-250 Intermediate Maintenance with Illustrated Parts Breakdown, Converter-Interface Displays Unit CV-3865/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-400 Intermediate Maintenance with Illustrated Parts Breakdown, UUT Cable Sets and Testing Fixtures for Controls Tester Configuration Test Set AN/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-450 Intermediate Maintenance with IPB, UUT Cable Sets and Testing Fixtures for Navigation Tester Configuration Test Set AN/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MEB-500 Intermediate Maintenance with IPB, UUT Cable Sets and Testing Fixtures for Displays Tester Configuration Test Set AN/USM-604	Hard copy	20	Jun 97	Onboard

### IV.B.3. TECHNICAL MANUALS

AT-822VB-MIB-000 Operational Instruction and Intermediate Maintenance with Illustrated Parts Breakdown, Digital Map Computer Test Program Set 36	Hard copy	20	Jun 97	Onboard
AT-822VB-MIB-050 Operational Instruction and Intermediate Maintenance with Illustrated Parts Breakdown, Multipurpose Color Display Test Program Set 38	Hard copy	20	Jun 97	Onboard
AT-822VB-MIB-100 Operational Instruction and Intermediate Maintenance with Illustrated Parts Breakdown, Night Attack Display Computer Test Program Set 37	Hard copy	20	Jun 97	Onboard
AT-822VB-MIB-150 Operational Instruction and Intermediate Maintenance with Illustrated Parts Breakdown, Infrared Receiver Converter Test Program Set 43	Hard copy	20	Jun 97	Onboard
AT-822VB-MIB-200 Operational Instruction and Intermediate Maintenance with Illustrated Parts Breakdown, Stores Management Computer Test Program Sets 42 and 44	Hard copy	20	Jun 97	Onboard
AT-822VB-MIB-250 Operational Instruction and Intermediate Maintenance with Illustrated Parts Breakdown, Engine Monitoring Unit Test Program Set 39	Hard copy	20	Jun 97	Onboard
AT-822VB-MRC-100 Pre-Operational Checklist, Electrical Equipment Test Set AN/USM-604	Hard copy	20	Jun 97	Onboard
AT-822VB-MRC-200 Technical Manual Periodic Maintenance Requirements Manual	Hard copy	20	Jun 97	Onboard
AT-822VB-OMP-000 Intermediate Maintenance with Illustrated Parts Breakdown, Electrical Equipment Test Set AN/USM-604	Hard copy	20	Jun 97	Onboard
AW-640AC-740-070 Intermediate Maintenance with Illustrated Parts Breakdown, Digital Display Indicator IP-1318/A	Hard copy	20	Jun 97	Onboard
IEEE Std. 416-1981 IEEE Standard ATLAS Test Language	Hard copy	20	Jun 97	Onboard

**IV.B.3. TECHNICAL MANUALS**

NAVAIR 01-1A-23 Hard copy 20 Jun 97 Onboard  
 Technical Manual, Standard Maintenance Practices,  
 Electronic Assembly Repair

**CIN, COURSE TITLE:** C-601-3893, F420-RR-408A/MK.4 CR00305 Gas Turbine Starter (GTS) / F402-RR-406A Intermediate  
 Maintenance Course (Track M-601-3029)

**TRAINING ACTIVITY:** VMAT-203 MTU 1006 (FREST) (To be renamed NAMTRA MARUNIT MTU 1006 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-F402A-IPB-400 Illustrated Parts Breakdown Aircraft Engine, Model F402-RR-404A (Rolls Royce)	Hard copy	20	Sep 96	Onboard
A1-F402A-MMI-200 Intermediate Maintenance Aircraft Engine, Model F402-RR-404A (Rolls Royce)	Hard copy	20	Sep 96	Onboard
A1-F402A-MMI-210 Intermediate Maintenance Vectored Thrust Turbofan Engine	Hard copy	20	Sep 96	Onboard
A1-F402A-MMI-220 Intermediate Maintenance Vectored Thrust Turbofan Engine	Hard copy	20	Sep 96	Onboard
A1-F402A-MMI-230 Intermediate Maintenance Vectored Thrust Turbofan Engine	Hard copy	20	Sep 96	Onboard
A1-F402B-SPM-000 Standard Practices Manual	Hard copy	20	Sep 96	Onboard
AW-394YB-MIB-000 Maintenance Instruction Manual, Organizational, Intermediate, and Depot Maintenance, M272 Hellfire Missile Launcher	Hard copy	20	Sep 96	Onboard
MIL-STD-33537 Standard Dimensions for Insert, Screw Thread, Helical Coil, Coarse and Fine Thread	Hard copy	20	Sep 96	Onboard
MIL-STD-33540 General Practices for Safety Wiring, and Cotter Pinning	Hard copy	20	Sep 96	Onboard
NA 11-5E-19 Maintenance Instruction Manual, Aircraft Store Ejector Rack	Hard copy	20	Sep 96	Onboard
NA 11-75A-54 Maintenance Instruction Manual, Organizational, Intermediate, and Depot Maintenance, LAU-7/A Series Missile Launchers	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

NA 11-75A-73 Maintenance Instruction Manual, Organizational, Intermediate, and Depot Maintenance, BRU-20 Series Bomb Racks	Hard copy	20	Sep 96	Onboard
NA 11-75A-90 Maintenance Instruction Manual, Organizational, and Intermediate Maintenance, TOW Missile Launcher	Hard copy	20	Sep 96	Onboard
OPNAVINST 4790.2 Series The Naval Aviation Maintenance Program	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-602-4893, Fixed Wing Electrical/Instrument Systems Intermediate Maintenance Course  
(Track M-602-6432)

**TRAINING ACTIVITY:** VMAT-203 MTU 3001 (FREST) (To be renamed NAMTRA MARUNIT MTU 3001 in FY02)

**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
A1-211AC-420-000 Intermediate Maintenance with IPB, Generator Converter Unit	Hard copy	20	Sep 96	Onboard
A1-211VB-MIB-000 Intermediate and Depot Maintenance with IPB, Generator Control Unit	Hard copy	20	Sep 96	Onboard
A1-211VB-MIB-000 Intermediate Maintenance with IPB, Main Generator	Hard copy	20	Sep 96	Onboard
A1-580-MIB-000 Intermediate Maintenance with IPB, Generator/Regulator	Hard copy	20	Sep 96	Onboard
A1-AV-8BB-WUC-800 Work Unit Code Manual, AV-8B	Hard copy	20	Sep 96	Onboard
A1-F18AC-WUC-800 Work Unit Code Manual, F-18	Hard copy	20	Sep 96	Onboard
AG-241LA-S92-000 Operation Instructions and Intermediate Maintenance with IPB, Adapter Set Generator Mechanical/Colling	Hard copy	20	Sep 96	Onboard
AG-246AC-S92-000 Operation Instructions and Intermediate Maintenance with IPB, Vibration Monitor Set	Hard copy	20	Sep 96	Onboard
AG-520AC-S92-000 Operation Instructions and Intermediate Maintenance with IPB, Vibration Monitor Set	Hard copy	20	Sep 96	Onboard

### IV.B.3. TECHNICAL MANUALS

AG-525AC-S56-000 Operation Instructions and Intermediate Maintenance with IPB, Static Inverter Test Set TTU-423/E	Hard copy	20	Sep 96	Onboard
AN-130AC-560-000 Intermediate Maintenance with IPB, Power Static Inverter	Hard copy	20	Sep 96	Onboard
AN-365AC-570-000 Intermediate Maintenance with IPB, Throttle Load Sensor	Hard copy	20	Sep 96	Onboard
MCO P4790.12 Series Individual Training Standards System/Maintenance Training Management and Evaluation Program (ITSS/MATMEP)	Hard copy	20	Sep 96	Onboard
MSDS BGBRO Material Safety Data Sheet, Lubricating Oil MIL-L 23699	Hard copy	20	Sep 96	Onboard
MSDS BGBSX Material Safety Data Sheet, Hydraulic Fluid MIL-H-17672	Hard copy	20	Sep 96	Onboard
MSDS BSDPS Material Safety Data Sheet, General Purpose Grease MIL-G-81322	Hard copy	20	Sep 96	Onboard
NA 01-1A-23 Electronic Repair Manual	Hard copy	20	Sep 96	Onboard
NA 17-15AC-23 Operation Instructions and Intermediate Maintenance with IPB, Two Speed Gearbox	Hard copy	20	Sep 96	Onboard
NA 17-15BAB-33 Intermediate and Depot Maintenance with IPB, Generator Test Stand Type MA-3	Hard copy	20	Sep 96	Onboard
NA 17-15BAD-1 Operation and Maintenance with IPB, Naval Aircraft and Naval Support Equipment Storage Batteries	Hard copy	20	Sep 96	Onboard
NA 17-600-38-6-1 Pre-Operational Check List, Generator Test Stand Type MA-3	Hard copy	20	Sep 96	Onboard

**IV.B.3. TECHNICAL MANUALS**

NA 17-600-38-6-2 Periodic Maintenance Requirements Manual, Generator Test Stand Type MA-3	Hard copy	20	Sep 96	Onboard
NA 19-1-146 Operation Instructions and Intermediate Maintenance with IPB, Battery Charge	Hard copy	20	Sep 96	Onboard
NA 19-1-151 Operation Instructions and Maintenance with IPB, Battery Constant-Current Discharge Unit	Hard copy	20	Sep 96	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	20	Sep 96	Onboard

**CIN, COURSE TITLE:** C-646-3105, Aviation Ordnance Intermediate Maintenance Technician Course (Track M-646-7026)  
**TRAINING ACTIVITY:** VMAT-203 MTU 4034 (FREST) (To be renamed NAMTRA MARUNIT MTU 4034 in FY02)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
AW-381VB-MIB-000 I Level Maintenance with IPB 25 mm Gun A/A49E-10	Hard copy	20	Sep 96	Onboard
AW-381VB-MIB-100 Intermediate Level Maintenance With IPG GAU-12/U, 25mm	Hard copy	20	Sep 96	Onboard
AW-381VB-MIB-200 Intermediate Level Maintenance with IPB, 25mm Ammunition Handling	Hard copy	20	Sep 96	Onboard
NA 11-75A-54 Maintenance Instruction Manual, Organizational, Intermediate, and Depot Maintenance, LAU-7/A Series Missile Launchers	Hard copy	20	Sep 96	Onboard
NA 11-75A-73 O, I, D, with IPB BRU-20 Series	Hard copy	20	Sep 96	Onboard
NA 19-1-125 Intermediate Maintenance with IPB (LALS)	Hard copy	20	Sep 96	Onboard

**PART V - MPT MILESTONES**

<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>DATE</b>	<b>STATUS</b>
DA	Attained MSD for AV-8B/TAV-8B	Oct 86	Completed
DA	Attained NSD for AV-8B/TAV-8B	Jan 87	Completed
TSA	Promulgated Draft NTP to ALCON for Review	May 92	Completed
OP-593/HQMC	Chaired NTP Conference	Jun 92	Completed
TSA	Promulgated Draft NTP to ALCON for Review	Oct 92	Completed
DA	Attained MSD for AV-8B Night Attack	Oct 92	Completed
DA	Attained NSD for AV-8B Night Attack	Oct 92	Completed
TSA	Contracted NAMTGD and FRAMP Courses	Nov 92	Completed
DA	Conducted Technical Evaluation	Jan 93	Completed
TSA	Completed Requirements for Maintenance Trainers	Jan 93	Completed
TSA	Completed Requirements for Pilot Training Materials	Jan 93	Completed
TSA	Began Follow-on Training	Feb 93	Completed
TSA	Awarded Maintenance Trainer Contract	Mar 93	Completed
TSA	Chaired NTP Update Conference	Mar 93	Completed
TSA	Began Pilot Training (at MDA)	Mar 93	Completed
OPTEVFOR	Conducted Operational Evaluation	Jun 93	Completed
CMC	Conducted Instructor/Cadre Radar Maintenance Training (MCAIR) at NAWC China Lake and MCAS Cherry Point	Jul 93	Completed
TSA	Promulgated Update Draft NTP for Review	Jul 93	Completed
DA	Promulgated ILS Master Plan	FY 93	Completed
CMC	Conducted Analysis of MPT Requirements	FY 93	Completed
TSA	Delivered WST 2F 150A Lot II, Radar Mod, MCAS Cherry Point	Oct 94	Completed
DA	Attained MSD for AV-8B Harrier II Plus	Apr 95	Completed
DA	Attained NSD for AV-8B Harrier II Plus	Apr 96	Completed
TSA	Developed Proposed NTSP	Jul 01	Completed
OPO	Approve NTSP	Sep 01	Completed

PART VI - ACTION ITEMS / ACTION REQUIRED

ACTION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
An impact study has been initiated by PMA-205 and AIR 3.4.1 to determine if an increase in existing AV-8B manpower may be required to operate or maintain the Radar Aircraft, the AN/APG-65(V)2 Radar system, the Litening II TPOD system, or the F402-RR-408 Engine.	PMA-205	FY02	On-going

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<b>CAPT Owen Fletcher (USN)</b> Deputy Aviation Maintenance Programs CNO, N781B fletcher.owen@hq.navy.mil	<b>COMM:</b> (703) 604-7747 <b>DSN:</b> 664-7747 <b>FAX:</b> (703) 604-6972
<b>CDR Wanda Janus</b> Resource Sponsor / Program Sponsor CNO, N785D1 janus.wanda@hq.navy.mil	<b>COMM:</b> (703) 697-9359 <b>DSN:</b> 227-9359 <b>FAX:</b> (703) 695-7103
<b>CAPT Terry Merritt (USN)</b> Head, Aviation Technical Training Branch CNO, N789H merritt.terry@hq.navy.mil	<b>COMM:</b> (703) 604-7730 <b>DSN:</b> 664-7730 <b>FAX:</b> (703) 604-6939
<b>MAJ Victor Wigfall</b> Maintenance Training CNO, N789H3 wigfall.victor@hq.navy.mil	<b>COMM:</b> (703) 604-7762 <b>DSN:</b> 664-7762 <b>FAX:</b> (703) 604-6939
<b>AZCS Gary Greenlee</b> NTSP Manager CNO, N789H1A greenlee.gary@hq.navy.mil	<b>COMM:</b> (703) 604-7743 <b>DSN:</b> 664-7743 <b>FAX:</b> (703) 604-6939
<b>MGYSGT Ken Gravatt</b> Training Requirements Officer CNO, N789H4 gravatt.kenneth@hq.navy.mil	<b>COMM:</b> (703) 604-7722 <b>DSN:</b> 664-7722 <b>FAX:</b> (703) 604-6939
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<b>Mr. Robert Zweibel</b> Training Technology Policy CNO, N795K zweibel.robert@hq.navy.mil	<b>COMM:</b> (703) 602-5151 <b>DSN:</b> 332-5151 <b>FAX:</b> (703) 602-5175
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**NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL****TELEPHONE NUMBERS****MAJ Brian P. Annichiarico**

AV-8B Plans  
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**Addendum to Approved NTSP**  
**T/AV-8B Harrier II Weapon System**  
**N88-NTSP-A-50-8210D/A**  
**SEPTEMBER 2001**

**ADDENDUM ONE**

**April 2002**

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**Comment/Correction:**

**EXECUTIVE SUMMARY:**

Insert the following as Paragraph 5:

Beginning in FY03, the Night Attack and Radar/Remanufacture AV-8B's Cathode Ray Tube (CRT) based Multipurpose Color Display (MPCD) will be replaced with a Liquid Crystal Display (LCD) based Advanced Multipurpose Color Display (AMPCD) via Engineering Change Proposal (ECP) MDC-AV8B-00306. The AMPCD is a form, fit and function replacement for the MPCD and is designed for two-level Organizational to Original Equipment Manufacturer (O to OEM) support. MPCD parts obsolescence necessitates this ECP. Modification of existing Operator and Organizational Level Maintainer curriculum will coincide with initial operational capability. No impact to manpower or test equipment. FY06 is the planned completion date for ECP 306 incorporation.

**Comment/Correction:**

**LIST OF ACRONYMS:**

add:

AMPCD	Advanced Multi Purpose Color Display
CRT	Cathode Ray Tube
ECP	Engineering Change Proposal
LCD	Liquid Crystal Display
MPCD	Multi Purpose Color Display
O to OEM	Organizational to Original Equipment Manufacturer

**Comment/Correction:**

Part IV, Page 151 (2F250) – MPCD terminology is used. Modify to “AMPCD” or add note that AMPCD will be incorporated via ECP 306.